

**Site Monitoring Report
Soil, Sediment, and Surface Water Sampling
Performed September 2011**

Prepared For:
de maximis, inc.
450 Montbrook Lane
Knoxville, TN 37919

Prepared By:
O & M, Inc.
450 Montbrook Lane
Knoxville, TN 37919

April 2012

Site Monitoring Report
Soil, Sediment, and Surface Water Sampling
Performed September 2011

Table of Contents

1.	Introduction.....	1
2.	Soil Sampling.....	1
2.1.	Method	1
2.2.	Results.....	1
2.3.	Observations	2
3.	Sediment Sampling	3
3.1.	Method	3
3.2.	Results.....	3
3.3.	Observations	3
4.	Surface Water Sampling	5
4.1.	Method	5
4.2.	Results.....	5
4.3.	Observations	5
5.	Recommendations for Corrective Action of Hot Spots	6
6.	Recommendations for Future Sampling Requirements	7
6.1.	Soil	7
6.2.	Sediment	7
6.3.	Surface Water.....	7
6.4.	Summary Recommendation for Brook and Floodplain Sampling.....	8

TABLES

- Table 1 Summary of Analytical Data for Soil Samples
- Table 2 Summary of Analytical Data for Sediment Samples
- Table 3 Summary of Analytical Data for Surface Water Samples
- Table 4 Upstream Surface Water Data Summary - 2011 Event
- Table 5 Upstream Surface Water Data Summary - 2010 Event
- Table 6 Upstream Surface Water Data Summary - 2008 Event
- Table 7 Upstream Surface Water Data Summary - 2006 Event
- Table 8 Upstream Surface Water Data Summary - 2004 Event

FIGURES

- Figure 1 Soil and Sediment Sampling Locations EU-2
- Figure 2 Soil and Sediment Sampling Locations EU-3
- Figure 3 Soil and Sediment Sampling Locations EU-4
- Figure 4 Soil and Sediment Sampling Locations EU-6
- Figure 5 Soil and Sediment Sampling Locations EU-8
- Figure 6 Total Chlorinated VOC Concentration in Fields Brook Surface Water
- Figure 7 Exposure Units 2 & 3 - Proposed Sampling Plan
- Figure 8 Exposure Unit 4 – Proposed Sampling Plan
- Figure 9 Exposure Unit 6 – Proposed Sampling Plan
- Figure 10 Exposure Unit 8 – Proposed Sampling Plan

1. Introduction

The US EPA Statement of Work (SOW) for the *Remedial Design and Remedial Action of the Sediment and Floodplain Wetland Area Operable Units (OU1 and OU4) of the Fields Brook Superfund Site* (1999) requires that sediment and soil samples be collected for five years “for monitoring the effectiveness of the Sediment Operable Unit remedy in both the residential and industrial exposure units”. The 2011 sampling event was the fifth event.

2. Soil Sampling

Soil sampling is required to demonstrate the continued effectiveness of the Floodplain Wetland Area remedy. All 2011 sampling activities required by the approved Fields Brook Sampling and Analysis Plan were performed during the week of September 12, 2011.

2.1. Method

Soil sample locations (SS01 through SS25) are presented in Figures 1 through 5. These proposed locations were selected based on historical (before remediation) “hot spot” concentrations of PCBs detected throughout the Exposure Units (EUs), combined with locations where no excavation activities were performed. All samples were collected from 6-inches below the ground surface, following the protocol outlined in the O&M Soil Sampling Standard Operating Procedure (SOP).

2.2. Results

Analysis for PCBs, Radium 226 and Radium 228 were performed. Chemical analysis was performed by CompuChem Labs of Cary, North Carolina. Radiological Analysis was performed by General Engineering Laboratories in South Carolina. All data packages were verified for completeness. The analytical results are provided in Table 1.

2.3. Observations

Two soil samples collected in 2011 and three samples from the 2010 event, indicate concentrations of PCBs that exceed the confidence removal goals (CRG) defined during the remedy implementation. The CRGs change for each exposure unit (EU) and each media (soil or sediment) depending on whether the area is residential or industrial, among other factors. After receiving the 2010 results that exceeded CRGs, additional samples were collected around sample all three sample locations. The additional samples were labeled with the sample number followed by “A”, “B”, and “C” (each collected 20 feet out from original sample location.)

The PCB concentrations for each sample collected between September 2010 and October 2011 for each of these locations are listed below:

Location	CRG (mg/kg)	PCBs detected in 2010* (mg/kg)	PCBs detected in 2011* (mg/kg)
SS04	6	41	19
SS04A	6	33.1	
SS04B	6	18.6	
SS04C	6	3.83	
SS05	6	53	0.16
SS05A	6	0.18	
SS05B	6	0.060 U (not detected)	
SS05C	6	1.03	
SS16	50	400	240
SS16A	50	254	
SS16B	50	0.66	
SS16C	50	6.97	

*Highlight indicates exceedance of CRG

As indicated, SS04 and SS16 appear consistent with concentrations detected in soil samples from the September/October 2010 sampling. SS05 appears to be a very discreet area that was found to contain high PCBs. These locations are identified in Figures 1 through 5 with the data results at these locations in 2010 and 2011.

3. Sediment Sampling

Sediment sampling is required to demonstrate the continued effectiveness of the Sediment Operable Unit remedy.

3.1. Method

Sediment sample locations (SD01 through SD20) are presented in Figures 1 through 5. These proposed locations were selected based on historical “hot spot” concentrations of PCBs detected throughout the EUs, combined with potential depositional areas within the brook. All samples were collected following the protocol outlined in the O&M Sediment Sampling SOP.

3.2. Results

Analysis for VOCs, SVOCs, PCBs, Metals, and Radium 226 and Radium 228 were performed. Chemical analysis was performed by CompuChem Labs of Cary, NC. Radiological Analysis was performed by General Engineering Laboratories in SC. All data packages were verified for completeness. The analytical results are provided in Table 2.

3.3. Observations

In 2010, three sediment locations indicated concentrations of PCBs that exceed the CRGs defined during the remedy implementation. After receiving the 2010 results that exceeded CRGs, two additional sediment samples were at locations SD04 and SD08, and another sample was collected ten feet downstream from the location. The additional samples were labeled with the sample number followed by “A” or “B”.

In 2011, SD04, SD08, SD13, and two additional locations in EU4 indicated concentrations of PCBs that exceed the CRGs. The PCB concentrations and the CRGs for total PCBs for each of these locations are listed below:

Location	CRG (mg/kg)	PCBs detected in 2010* (mg/kg)	PCBs detected in 2011* (mg/kg)
SD04	4.7	5.1	6.3
SD04A (same location)	4.7	2.12	
SD04B (20 feet downstream)	4.7	2.92	
SD06	9.2	2.3	11
SD07	9.2	5.3	28
SD08	7.0	12.2	15
SD08A (same location)	7.0	4.89	
SD08B (25 feet downstream)	7.0	4.87	
SD13	7.0	8.1	13

*Highlight indicates exceedance of CRG

These locations are identified in Figures 1 through 5 with the data results at these locations in 2010 and 2011.

Analytical results for volatile organic compounds (VOCs) and Semi-volatile organic compounds (SVOCs), including marker compounds for the Detrex Dense Non-Aqueous Phase Liquids (DNAPL), were detected in sediment and surface water samples. However, the detections were below applicable CRGs for these compounds.

4. Surface Water Sampling

The surface water samples were not required by the SOW, but were added to the sampling event at the request of US EPA (Terese Van Donsel) in 2004.

One surface water sample was collected at each sediment sample location, and was identified using the same corresponding number (but identified as SWXX instead of SDXX, where XX is the corresponding number). The locations identified as “SD” in the Figures identify both, the sediment and the surface water sample locations.

4.1. Method

A surface water sampling method was approved by EPA prior to sampling. All samples were collected following the protocol outlined in the approved method.

4.2. Results

Analysis for VOCs, SVOCs, PCBs, and metals were performed. Chemical analysis was performed by CompuChem Labs of Cary, NC. All data packages were verified for completeness. The analytical results are provided in Table 3.

4.3. Observations

Seven chlorinated VOCs were detected in the surface water, as presented in Table 3. While several additional VOCs have been detected at low concentrations throughout the events, the same seven VOCs have been detected in the surface water every event. A summary of these parameters for each year of sampling is provided in Tables 4 through 8. Each of these VOCs is a marker compound for the Detrex DNAPL.

An interesting note is the prevalence of the highest concentrations of these VOCs at sample locations SW13 (directly downstream of the North Sewer/State Road bridge and Detrex outfalls) and SW08 (directly downstream of the DS Tributary

confluence), as depicted in Figure 6. SW13 is the furthest upstream that tetrachloroethene and vinyl chloride have been detected since 2004.

5. Recommendations for Corrective Action of Hot Spots

While the soil CRG exceedances were significant and will require remediation in EU-6 and additional characterization in EU-2, the sediment CRG exceedances were marginal and isolated, and are not expected to pose a significant risk to human health and the environment. The following actions are proposed:

1. Extensive characterization of the brook and floodplain is planned as indicated in Figures 7 through 10. Additional sediment sample locations have been added since the 2010 proposal to further characterize SD07, SD08, and SD13.
2. Sediment sample locations SD04 and SD08 have been delineated and affected sediment can be removed. Sediment will be removed from these locations and extend to 10 feet upstream and 10 feet downstream of the location.
3. Following delineation results from samples upstream and downstream of SD06, SD07, and SD13, the sediment from these areas also will be removed extending half the distance to the sample that falls within CRG limits.
4. Perform subsurface soil sampling, as requested by EPA (Comments dated March 31, 2011) at locations SS04, SS04A, SS04B, and SS05 (See Figure 7). These are the four locations inside EU2 that show exceedances of the PCB CRG for soil. The soil samples will be collected from the depth interval of 24 to 36 inches below ground surface.
5. Excavate soil around SS05 to consist of digging a one-foot deep, three-foot diameter circle around SS05.
6. Excavate soil around SS16 and SS16A as depicted in Figure 9. The excavation area will be approximately 80 feet long, 50 feet wide, and 1 foot deep. Soils will be disposed with a properly licensed disposal facility. Fill soils will be placed and the area will be re-seeded.
7. All removal actions are planned to be performed at the same time.

6. Recommendations for Future Annual Sampling Event Requirements

6.1. Soil

Soil samples are currently analyzed for PCBs, Radium-226 and Radium-228. FBAG recommends that soil samples continue to be analyzed for PCBs. Radiological analysis for Radium-226 and -228 from the 5 sampling events between August 2004 and September 2011 have indicated no remaining radiological issues in the soils, so this analysis should be discontinued.

6.2. Sediment

Sediment samples are currently analyzed for VOCs, SVOCs, PCBs, Metals, and Radium 226 and Radium 228. The only parameters that have exceeded CRGs in any of the sampling events have been PCBs and Hexachlorobenzene once in 2008 at location SD08 (53,000 ug/kg). EU6 has a CRG for Hexachlorobenzene of 45,000 ug/kg. The 2011 concentration of Hexachlorobenzene at SD08 was 12,000 ug/kg, with a duplicate sample concentration of 5,800 ug/kg.

Metals and Radium-226 and -228 have not been detected near the CRGs in any of the 5 sampling events conducted between August 2004 and September 2012.

FBAG recommends that sediment sampling only be continued for PCBs, VOCs, and SVOCs.

6.3. Surface Water

For all five sampling events, surface water samples have been collected in the same location as the sediment samples that were collected as part of the US EPA Statement of Work (1999) requirements. As presented in Section 4.3 and Figure 6, marker compounds of Detrex DNAPL have consistently been detected in surface water samples. These are the only VOCs to be consistently detected in the surface water. Concentrations of these VOCs increase dramatically where the North Sewer

intercepts Fields Brook and increase again at the confluence of the DS Tributary with the brook. Current and recurring DNAPL releases to Fields Brook and the floodplains have been documented at both locations.

No SVOCs have been detected in the surface water in any event, and the only year that PCBs were detected in the surface water was in 2008 when PCB removal activities were being performed upstream at Millennium Inorganic Chemical.

Therefore, FBAG recommends that only surface water sampling for VOCs be continued and all other parameters be discontinued.

6.4. Summary Recommendation for Brook and Floodplain Sampling

FBAG recommends that the following sampling be continued on an annual basis:

- soil sampling for PCBs;
- sediment sampling for PCBs, VOCs, and SVOCs; and
- surface water sampling for VOCs.

TABLES

FIELDS BROOK
TABLE 1 - SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES

Analysis	List of Compounds	Project	Action Limits	FB-SS01	FB-SS01	FB-SS01	FB-SS01	FB-SS02	FB-SS02	FB-SS02	FB-SS02	FB-SS03	FB-SS03	FB-SS03	FB-SS03	FB-SS04	FB-SS04	FB-SS04	FB-SS04	FB-SS04			
		Residential	Industrial	Aug-04	Aug-06	Jun-08	Sep-10	Aug-04	Aug-06	Jun-08	Sep-10	Aug-04	Aug-06	Jun-08	Sep-10	Aug-04	Aug-06	Jun-08	Sep-10	Sep-11			
PCBs	<i>units are ug/kg (ppb)</i> AROCLOR-1016 AROCLOR-1221 AROCLOR-1232 AROCLOR-1242 AROCLOR-1248 AROCLOR-1254 AROCLOR-1260	6,000 (total) CRG	50,000 (total) CRG	38 U 51 U 38 U 38 U 120 38 U 38 U	42 U 53 U 42 U 27 U 20 U 27 U 42 U	29 U 41 U 20 U 20 U 20 U 20 U 20 U	28 U 40 U 20 U 20 U 20 U 20 U 20 U	20 U 49 U 36 U 25 U 250 36 U 36 U	36 U 54 U 43 U 27 U 20 U 27 U 43 U	43 U 40 U 20 U 20 U 20 U 20 U 20 U	28 U 39 U 20 U 110 U 110 U 110 U 110 U	110 U 110 U 110 U 110 U 110 U 110 U 110 U	37 U 50 U 37 U 37 U 40 U 25 U 22 J	40 U 50 U 40 U 37 U 20 U 28 UU 25 U	28 U 39 U 20 U 28 UU 28 UU 33 U 33 U	40 UJ 550 U 440 U 280 U 4200 280 U 440 U	180 U 260 U 130 U 130 U 810 130 U 130 U	290 U 410 U 210 U 210 U 40000 DJ- 210 U 2300 U 910 J-H	2300 U 2300 U 2300 U 2300 U 19000 2300 U 2300 U				
RAD	Radium-226 Radium-228			1.36 1.25	1.11 0.882	0.995 1.17	1.06 1.21	0.716 1.02	1.17 0.841	0.851 0.941	1.13 1.15	0.888 J 1.05	0.860 0.987	1.11 1.11	1.00 0.953	0.977 1.57	3.30 1.57	1.15 1.01	1.43 1.44	1.32 0.958	1.22 1.17	1.47 1.21	1.62 1.28
VOCs	Trichloroethene Tetrachloroethene 1,1,2,2-Tetrachloroethane Hexachlorobutadiene							6.01 U 6.01 U 6.01 U 6.01 U				6.34 U 6.34 U 6.34 U 2.45 J				5.47 J 3.31 J 9.76 U 10.5				0.48 J 6.82 U 6.82 U 6.82 U			
SVOCs	Hexachlorobenzene Benzo(a)pyrene							95 J 200 U				200 J 39 J				34,000 770				6000 140 J			
Metals	Arsenic Beryllium							11.6 0.555 J				12.3 0.475 J				23.3 1.87				12.0 0.601 J			

Notes
U = Analyte was analyzed for but not detected above the level of the reported sample quantitation limit.
J = The result is an estimated quantity. The numerical value is the approximate concentration of the analyte in the sample. Analyte was analyzed for and the reported value was obtained from a reading less than the CRDL but greater than the IDL.
D = Diluted Result
J - = The result is an estimated quantity, but the result may be biased low.
R = Data are unusable. The analyte may or may not be present in the sample.
UU = The analyte was analyzed for, but was not detected. The reported quantitation limit is approximate.
CRG - Confidence Removal Goal - All others are Cleanup Goals (CUGs)

Residential -FB-SS01 thru FB-SS11

FIELDS BROOK

Notes	U = Analyte was analyzed for bu J = The result is an estimated qt. D = Diluted Result J - = The result is an estimated c R = Data are unusable. The ana UJ = The analyte was analyzed CRG - Confidence Removal Go:
-------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Residential -FB-SS01 thru F

FIELDS BROOK
TABLE 1 - SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES

Analysis	List of Compounds	FB-SS10 Aug-04 (ug/kg)	FB-SS10 Aug-06 (ug/kg)	FB-SS10 Jun-08 (ug/kg)	FB-SS10 Sep-10 (ug/kg)	FB-SS10 Sep-11 (ug/kg)	FB-SS11 Aug-04 (ug/kg)	FB-SS11 Aug-06 (ug/kg)	FB-SS11 Jun-08 (ug/kg)	FB-SS11 Sep-10 (ug/kg)	FB-SS12 Aug-04 (ug/kg)	FB-SS12 Aug-06 (ug/kg)	FB-SS12 Jun-08 (ug/kg)	FB-SS12 Sep-10 (ug/kg)	FB-SS13 Aug-04 (ug/kg)	FB-SS13 Aug-06 (ug/kg)	FB-SS13 Jun-08 (ug/kg)	FB-SS13 Sep-10 (ug/kg)	FB-SS14 Aug-04 (ug/kg)	FB-SS14 Aug-06 (ug/kg)	FB-SS14 Jun-08 (ug/kg)	FB-SS14 Sep-10 (ug/kg)	FB-SS14 Sep-11 (ug/kg)				
PCBs	units are ug/kg (ppb)																										
	AROCLOL-1016	370 U	40 U	140 U	28 U	42 U	37 U	40 U	30 U	27 U	24 U	9500 U	42 U	3900 U	370 UJ	2900 U	incorrect location sampled	390 U	28 U	28 U	110 U	36 U	38 U	28 U	27 U		
	AROCLOL-1221	510 U	51 U	200 U	40 U	42 U	51 U	51 U	42 U	39 U	24 U	13000 U	53 U	5600 U	520 UJ	2900 U	490 U	40 U	40 U	110 U	49 U	48 U	40 U	38 U			
	AROCLOL-1232	370 U	40 U	98 U	20 U	42 U	37 U	40 U	21 U	19 U	24 U	9500 U	42 U	2800 U	260 UJ	2900 U	390 U	20 U	20 U	110 U	36 U	38 U	20 U	19 U			
	AROCLOL-1242	370 U	25 U	98 U	20 U	42 U	37 U	25 U	21 U	19 U	24 U	9500 U	26 U	2800 U	260 UJ	2900 U	250 U	20 U	20 U	110 U	36 U	24 U	20 U	19 U			
	AROCLOL-1248	1200	340	1200	520 D	480	37 U	47	32	9.3 J	34	48000	79	36000	40,000 DJ	29000	1800	300	850 D	1000	43	140	83	15 J			
	AROCLOL-1254	370 U	25 U	98 U	20 U	42 U	37 U	25 U	21 U	19 U	24 U	9500 U	26 U	2800 U	260 UJ	2900 U	250 U	20 U	20 U	110 U	36 U	24 U	20 U	19 U			
	AROCLOL-1260	370 U	40 U	98 U	12 J	42 U	37 U	40 U	21 U	19 U	24 U	9500 U	42 U	2800 U	1500 J-H	2900 U	390 U	15 J	27	36 U	36 U	38 U	20 U	19 U			
RAD	Radium-226 Radium-228	1.14 1.14	1.17 0.983	1.04 1.14	1.28 1.25	1.07 1.02	1.16 1.12	1.30 0.90	0.804 1.24	1.26 1.21	1.22 1.30	3.36 2.06	1.26 1.15	2.33 1.68	2.92 2.47	2.16 2.05		1.11 1.03	1.02 1.20	0.891 0.884	J	1.10 1.05	0.871 1.04	1.05 1.12	1.12 1.12	0.969 0.913	J 0.756 1.00
VOCs	Trichloroethene Tetrachloroethene 1,1,2,2-Tetrachloroethane Hexachlorobutadiene											6.20 U 6.20 U 6.20 U 6.20 U	7.04 U 7.04 U 7.04 U 7.04 U				1.12 J 8.48 U 8.48 U 53.4						6.34 U 6.34 U 6.34 U 6.34 U	5.98 U 5.98 U 5.98 U 9.68			
SVOCs	Hexachlorobenzene Benzo(a)pyrene											58 J 210 U	240 U 240 U				14,000 250 J						260 220 U		120 J 36 J		
Metals	Arsenic Beryllium											13.9 0.524 J	15.4 0.580				15.8 1.13						17.4 0.690		11.6 0.434 J		

Notes
U = Analyte was analyzed for but the result is an estimated qL
J = The result is an estimated qL
D = Diluted Result
J- = The result is an estimated c
R = Data are unusable. The analysis was analyzed
UJ = The analyte was analyzed
CRG - Confidence Removal Go:

Residential -FB-SS01 thru F

FIELDS BROOK

Notes U = Analyte was analyzed for bu
J = The result is an estimated qt.
D = Diluted Result
J - = The result is an estimated c
R = Data are unusable. The ana
UJ = The analyte was analyzed
CRG - Confidence Removal Go:

Residential -FB-SS01 thru F

FIELDS BROOK
TABLE 1 - SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES

Analysis	List of Compounds	FB-SS20 Aug-04 (ug/kg)	FB-SS20 Aug-06 (ug/kg)	FB-SS20 Jun-08 (ug/kg)	FB-SS20 Sep-10 (ug/kg)	FB-SS20 Sep-11 (ug/kg)	FB-SS21 Aug-04 (ug/kg)	FB-SS21 Aug-06 (ug/kg)	FB-SS21 Jun-08 (ug/kg)	FB-SS21 Sep-10 (ug/kg)	Dup of FB-SS21 Sep-11 (ug/kg)	FB-SS22 Aug-04 (ug/kg)	FB-SS22 Aug-06 (ug/kg)	FB-SS22 Jun-08 (ug/kg)	FB-SS22 Sep-10 (ug/kg)	FB-SS22 Sep-11 (ug/kg)	FB-SS23 Aug-04 (ug/kg)	FB-SS23 Aug-06 (ug/kg)	FB-SS23 Jun-08 (ug/kg)	FB-SS23 Sep-10 (ug/kg)	FB-SS23 Sep-11 (ug/kg)	DUP of FB-SS23 Sep-11 (ug/kg)	
PCBs <i>units are ug/kg (ppb)</i>																							
	AROCLOL-1016	760 U	47 U	34 U	20 U	120 U	360 U	370 U	EU8	19 U	200 U	72 U	38 U	EU8	19 U	400 U	37 U	38 U	EU8	19 U	980 U	1900	
	AROCLOL-1221	1000 U	59 U	49 U	20 U	120 U	490 U	470 U		19 U	200 U	98 U	48 U	400 U	19 U	50 U	48 U	19 U	980 U	1900			
	AROCLOL-1232	760 U	47 U	24 U	20 U	120 U	360 U	370 U		19 U	200 U	72 U	38 U	400 U	19 U	400 U	37 U	38 U	19 U	980 U	1900		
	AROCLOL-1242	510 U	30 U	24 U	20 U	120 U	250 U	240 U		19 U	200 U	49 U	24 U	400 U	19 U	25 U	24 U	19 U	980 U	1900			
	AROCLOL-1248	5400	370	24 U	310 J	530	2300	2000		2300 D	2600	480	290	3700 D	3500	160	88		21000 D	11000	15000		
	AROCLOL-1254	510 U	30 U	24 U	20 U	120 U	250 U	240 U		19 U	200 U	49 U	24 U	400 U	19 U	25 U	24 U	19 U	980 U	1900			
	AROCLOL-1260	760 U	47 U	24 U	77 DJ	120 U	360 U	370 U		46		72 U	38 U	400 U	37 U	38 U		510 DJ					
RAD		0.905 1.07	2.28 2.23	1.49 1.07	1.13 0.882	1.13 1.18	0.873 1.06	0.870 1.30		1.10 1.14	1.11 1.36	0.885 1.03	1.02 1.16	1.26 1.34		0.992 J 1.48	0.872 0.983	0.885 1.21	1.01 0.981		1.11 1.33	1.04 1.07	0.87 1.09
VOCs																							
	Trichloroethene					28.7						26.7	25.2				20.0				5.79 U	1.06 J	
	Tetrachloroethene					8.78						61.9	58.5				17.5				5.79 U	5.70 U	
	1,1,2,2-Tetrachloroethane					6.78 U						5.81 U	5.99 U				5.85 U				5.79 U	5.70 U	
	Hexachlorobutadiene					6.78 U						5.81 U	5.99 U				5.85 U				5.79 U	5.70 U	
SVOCs																							
	Hexachlorobenzene																					140 J	210
	Benzo(a)pyrene																					200 U	190 U
Metals																							
	Arsenic																					12.5	12.9
	Beryllium																					0.532 J	0.506 J

Notes
U = Analyte was analyzed for but
J = The result is an estimated q.
D = Diluted Result
J - = The result is an estimated c
R = Data are unusable. The ana
UJ = The analyte was analyzed
CRG - Confidence Removal Go:

Residential -FB-SS01 thru F

FIELDS BROOK
TABLE 1 - SUMMARY OF ANALYTICAL RESULTS FOR SOIL SAMPLES

Analysis	List of Compounds	FB-SS24 Aug-04 (ug/kg)	FB-SS24 Aug-06 (ug/kg)	FB-SS24 Jun-08 (ug/kg)	FB-SS24 Sep-10 (ug/kg)	FB-SS24 Sep-11 (ug/kg)	FB-SS25 Aug-04 (ug/kg)	FB-SS25 Aug-06 (ug/kg)	FB-SS25 Jun-08 (ug/kg)	FB-SS25 Sep-10 (ug/kg)	FB-SS25 Sep-11 (ug/kg)
PCBs											
	units are ug/kg (ppb)										
	AROCLOR-1016	36 U	39 U	EU8	18 U	950 U	78 U	37 U	EU8	18 U	89 U
	AROCLOR-1221	49 U	49 U	not sampled	18 U	950 U	110 U	46 U	not sampled	18 U	89 U
	AROCLOR-1232	36 U	39 U		18 U	950 U	78 U	37 U		18 U	89 U
	AROCLOR-1242	24 U	25 U		18 U	950 U	53 U	23 U		18 U	89 U
	AROCLOR-1248	24 U	86		4200 DJ	7100	250	23 U		2500 DJ	490
	AROCLOR-1254	24 U	25 U		18 U	950 U	53 U	23 U		18 U	89 U
	AROCLOR-1260	36 U	39 U		100	950 U	78 U	37 U		44 J	89 U
RAD											
	Radium-226	0.967	1.05		0.924 J	1.34	0.973	0.835	0.713	0.971 J	0.941
	Radium-228	0.93	0.993				1.08	0.992	1.08	1.21	1.08
VOCs											
	Trichloroethene				5.58 U					11.2	
	Tetrachloroethene				5.58 U					6.99	
	1,1,2,2-Tetrachloroethane				5.58 U					5.27	
	Hexachlorobutadiene				5.58 U					0.793 J	
SVOCs											
	Hexachlorobenzene				620					120 J	
	Benzo(a)pyrene				190 U					180 U	
Metals											
	Arsenic				12.1					9.78	
	Beryllium				0.533 J					0.477 J	

Notes
U = Analyte was analyzed for but not detected.
J = The result is an estimated quantity.
D = Diluted Result
J - = The result is an estimated quantity.
R = Data are unusable. The analysis was not completed.
UJ = The analyte was analyzed but not detected.
CRG - Confidence Removal Go:

Residential -FB-SS01 thru F

FIELDS BROOK

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT SAMPLES

Compounds	Project Action Limits		FB-SD01	FB-SD01	FB-SD01	FB-SD01	FB-SD01	FB-SD02	FB-SD02	FB-SD02	FB-SD02	FB-SD03	FB-SD03	FB-SD03	FB-SD03	FB-SD04	FB-SD04	FB-SD04	FB-SD04	FB-SD04		
	Residential	Industrial	Aug-04	Aug-06	Jun-08	Sep-10	Sep-11	Aug-04	Aug-06	Jun-08	Sep-10	Sep-11	Aug-04	Aug-06	Jun-08	Sep-10	Sep-11	Aug-04	Aug-06	Sep-10		
			EU2	EU2	EU2	EU2	EU2	EU3														
(units are in ug/kg)																						
DICHLORODIFLUOROMETHANE			5.8 U	6.25 U	6.7 U	6.4 U	6.07 U	5.9 U	6.76 U	7.4 U	6.3 U	7.38 U	5.8 U	22.7 U	6.3 U	9.3 U	7.49 U	6.4 U	6.17 U	7.4 U	8.3 U	8.17 U
CHLOROMETHANE			5.8 U	6.25 U	6.7 U	6.4 U	6.07 U	5.9 U	6.76 U	7.4 U	6.3 U	7.38 U	5.8 U	22.7 U	6.3 U	9.3 U	7.49 U	6.4 U	6.17 U	7.4 U	8.3 U	8.17 U
VINYL CHLORIDE	CRG	CRG	5.8 U	6.25 U	6.7 U	6.4 U	6.07 U	5.9 U	6.76 U	7.4 U	6.3 U	7.38 U	5.8 U	22.7 U	6.3 U	9.3 U	7.49 U	6.4 U	10.3	1.8 J	8.3 U	8.17 U
BROMOMETHANE			5.8 U	6.25 U	6.7 U	6.4 U	6.07 U	5.9 U	6.76 U	7.4 U	6.3 U	7.38 U	5.8 U	22.7 U	6.3 U	9.3 U	7.49 U	6.4 U	6.17 U	7.4 U	8.3 U	8.17 U
CHLOROETHANE			5.8 U	6.25 U	6.7 U	6.4 U	6.07 U	5.9 U	6.76 U	7.4 U	6.3 U	7.38 U	5.8 U	22.7 U	6.3 U	9.3 U	7.49 U	6.4 U	6.17 U	7.4 U	8.3 U	8.17 U
TRICHLOROFUOROMETHANE			5.8 U	6.25 U	6.7 U	6.4 U	6.07 U	5.9 U	6.76 U	7.4 U	6.3 U	7.38 U	5.8 U	22.7 U	6.3 U	9.3 U	7.49 U	6.4 U	6.17 U	7.4 U	8.3 U	8.17 U
1,1-DICHLOROETHENE	17,000	40,000	5.8 U	6.25 U	6.7 U	6.4 U	6.07 U	5.9 U	6.76 U	7.4 U	6.3 U	7.38 U	5.8 U	22.7 U	6.3 U	9.3 U	7.49 U	6.4 U	6.17 U	7.4 U	8.3 U	8.17 U
CARBON DISULFIDE			23 J	6.25 U	6.7 U	6.4 U	6.07 U	32 J	6.76 U	7.4 U	6.3 U	7.38 U	41 J	6.79 J	6.3 U	9.3 U	7.49 U	11	6.17 U	7.4 U	8.3 U	8.17 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE			5.8 U	6.25 U	6.7 U	6.4 U	6.07 U	5.9 U	6.76 U	7.4 U	6.3 U	7.38 U	5.8 U	22.7 U	6.3 U	9.3 U	7.49 U	6.4 U	6.17 U	7.4 U	8.3 U	8.17 U
ACETONE			26 J	15.6 U	17 U	16 U	15.2 U	28 J	12.3 J	18 U	16 U	18.4 U	31 J	56.8 U	16 U	23 U	18.7 U	23	15.4 U	18 U	21 U	20.4 U
METHYLENE CHLORIDE			1.2 J	6.25 U	6.7 U	6.4 U	6.07 U	5.9 U	6.76 U	7.4 U	6.3 U	7.38 U	5.8 U	22.7 U	6.3 U	1.0 J	7.49 U	4.3 J	6.17 U	7.4 U	8.3 U	8.17 U
TRANS-1,2-DICHLOROETHENE	87,433	170,333	5.8 U	6.25 U	6.7 U	6.4 U	6.07 U	5.9 U	6.76 U	7.4 U	6.3 U	7.38 U	5.8 U	22.7 U	6.3 U	9.3 U	7.49 U	1.7 J	1.13 J	7.4 U	8.3 U	8.17 U
METHYL-T-BUTYL ETHER			5.8 U	6.25 U	6.7 U	6.4 U	6.07 U	5.9 U	6.76 U	7.4 U	6.3 U	7.38 U	5.8 U	22.7 U	6.3 U	9.3 U	7.49 U	6.4 U	6.17 U	7.4 U	8.3 U	8.17 U
1,1-DICHLOROETHANE			0.86 J	0.690 J	1.7 J	6.4 U	6.07 U	3.6 J	2.04 J	2.2 J	6.3 U	7.38 U	4 J	12.2 J	8.2	9.3 U	1.37 J	14	62.4	7.4 U	8.3 U	4.06 J
CIS-1,2-DICHLOROETHENE			20 J	15.6 U	17 U	16 U	15.2 U	22 J	16.9 U	18 U	16 U	18.4 U	22 J	79.8	16 U	23 U	18.7 U	32	15.4 U	18 U	21 U	20.4 U
2-BUTANONE			5.8 U	6.25 U	6.7 U	6.4 U	6.07 U	5.9 U	6.76 U	7.4 U	6.3 U	7.38 U	5.8 U	2.42 J	6.3 U	9.3 U	7.49 U	6.4 U	6.17 U	7.4 U	8.3 U	8.17 U
CHLOROFORM	1,672,000	3,909,000	5.8 U	6.25 U	6.7 U	6.4 U	6.07 U	5.9 U	6.76 U	7.4 U	6.3 U	7.38 U	5.8 U	22.7 U	6.3 U	9.3 U	7.49 U	6.4 U	6.17 U	7.4 U	8.3 U	8.17 U
1,1,1-TRICHLOROETHANE	393,451,000	766,500,000	5.8 U	6.25 U	6.7 U	6.4 U	6.07 U	5.9 U	6.76 U	7.4 U	6.3 U	7.38 U	5.8 U	22.7 U	6.3 U	9.3 U	7.49 U	6.4 U	6.17 U	7.4 U	8.3 U	8.17 U
CARBON TETRACHLORIDE			5.8 U	6.25 U	6.7 U	6.4 U	6.07 U	5.9 U	6.76 U	7.4 U	6.3 U	7.38 U	5.8 U	22.7 U	6.3 U	9.3 U	7.49 U	6.4 U	6.17 U	7.4 U	8.3 U	8.17 U
BENZENE	352,000	822,000	0.96 J	6.25 U	6.7 U	6.4 U	6.07 U	5.9 U	6.76 U	7.4 U	6.3 U	7.38 U	5.8 U	22.7 U	6.3 U	9.3 U	7.49 U	6.4 U	6.17 U	7.4 U	8.3 U	8.17 U
1,2-DICHLOROETHANE			5.8 U	6.25 U	6.7 U	6.4 U	6.07 U	5.9 U	6.76 U	7.4 U	6.3 U	7.38 U	5.8 U	22.7 U	6.3 U	9.3 U	7.49 U	6.4 U	6.17 U	7.4 U	8.3 U	8.17 U
TRICHLOROETHENE	CRG	CRG	4.1 J	0.932 J	3.2 J	6.4 U	6.07 U	21 J	1.06 J	4.2 J	6.3 U	7.38 U	14 J	15.2 J	6.3 U	9.3 U	0.592 J	17	13.7	7.4 U	8.3 U	8.17 U
1,2-DICHLOROPROPANE			5.8 U	6.25 U	6.7 U	6.4 U	6.07 U	5.9 U	6.76 U	7.4 U	6.3 U	7.38 U	5.8 U	22.7 U	6.3 U	9.3 U	7.49 U	6.4 U	6.17 U	7.4 U	8.3 U	8.17 U
BROMODICHLOROMETHANE			5.8 U	6.25 U	6.7 U	6.4 U	6.07 U	5.9 U	6.76 U	7.4 U	6.3 U	7.38 U	5.8 U	22.7 U	6.3 U	9.3 U	7.49 U	6.4 U	6.17 U	7.4 U	8.3 U	8.17 U
CIS-1,3-DICHLOROPROPENE			5.8 U	6.25 U	6.7 U	6.4 U	6.07 U	5.9 U	6.76 U	7.4 U	6.3 U	7.38 U	5.8 U	22.7 U	6.3 U	9.3 U	7.49 U	6.4 U	6.17 U	7.4 U	8.3 U	8.17 U
4-METHYL-2-PENTANONE			15 U	15.6 U	17 U	16 U	15.2 U	15 U	16.9 U	18 U	16 U	18.4 U	15 U	56.8 U	16 U	23 U	18.7 U	16 U	15.4 U	18 U	21 U	20.4 U
TOLUENE	874,335,000	1,000,000,000	5.6 J	6.25 U	6.7 U	6.4 U	6.07 U	2.7 J	6.76 U	7.4 U	6.3 U	7.38 U	4.5 J	22.7 U	6.3 U	9.3 U	7.49 U	4.7 J	6.17 U	7.4 U	8.3 U	8.17 U
TRANS-1,3-DICHLOROPROPENE			5.8 U	6.25 U	6.7 U	6.4 U	6.07 U	5.9 U	6.76 U	7.4 U	6.3 U	7.38 U	5.8 U	22.7 U	6.3 U	9.3 U	7.49 U	6.4 U	6.17 U	7.4 U	8.3 U	8.17 U
1,1,2-TRICHLOROETHANE	179,000	418,000	5.2 J	6.25 U	6.7 U	6.4 U	6.07 U	5.9 U	6.76 U	7.4 U												

FIELDS BROOK

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT SAMPLES

Compounds	Project Action Limits		FB-SD01	FB-SD01	FB-SD01	FB-SD01	FB-SD01	FB-SD02	FB-SD02	FB-SD02	FB-SD02	FB-SD03	FB-SD03	FB-SD03	FB-SD03	FB-SD04	FB-SD04	FB-SD04	FB-SD04	FB-SD04		
	Residential	Industrial	Aug-04 EU2	Aug-06 EU2	Jun-08 EU2	Sep-10 EU2	Sep-11 EU2	Aug-04 EU3	Aug-06 EU3	Jun-08 EU3	Sep-10 EU3	Sep-11 EU3	Aug-04 EU3	Aug-06 EU3	Jun-08 EU3	Sep-10 EU3	Aug-04 EU3	Aug-06 EU3	Jun-08 EU3	Sep-10 EU3		
(units are in ug/kg)																						
BENZALDEHYDE			380 U	410 U	230 U	220 U	210 U	390 U	450 U	250 U	220 U	250 U	380 U	4500 U	220 U	310 U	250 U	420 U	410 U	250 U	63 J	280 U
PHENOLS	1,000,000,000	1,000,000,000	380 U	410 U	230 U	420 U	400 U	390 U	450 U	250 U	420 U	490 U	380 U	4500 U	220 U	610 U	490 U	420 U	410 U	250 U	550 U	540 U
BIS(2-CHLOROETHYL)ETHER	21,858,000	42,583,000	380 U	410 U	230 U	420 U	400 U	390 U	450 U	250 U	220 U	250 U	380 U	4500 U	220 U	310 U	250 U	420 U	410 U	250 U	550 U	540 U
2-CHLOROPHENOL			380 U	410 U	230 U	420 U	400 U	390 U	450 U	250 U	420 U	490 U	380 U	4500 U	220 U	610 U	490 U	420 U	410 U	250 U	550 U	540 U
2-METHYLPHENOL			380 U	410 U	230 U	220 U	210 U	390 U	450 U	250 U	420 U	490 U	380 U	4500 U	220 U	610 U	490 U	420 U	410 U	250 U	550 U	540 U
2,2'-OXYBIS(1-CHLOROPROPANE)			380 U	410 U	230 U	220 U	210 U	390 U	450 U	250 U	220 U	250 U	380 U	4500 U	220 U	310 U	250 U	420 U	410 U	250 U	280 U	280 U
ACETOPHENONE			380 U	410 U	230 U	420 U	400 U	390 U	890 U	490 U	420 U	490 U	380 U	23000	420 U	110 J	490 U	420 U	410 U	490 U	390 J	540 U
N-NITROSO-DI-N-PROPYLAMINE			380 U	410 U	230 U	220 U	210 U	390 U	450 U	250 U	220 U	250 U	380 U	4500 U	220 U	310 U	250 U	420 U	410 U	250 U	280 U	280 U
HEXACHLOROETHANE	729,000	1,703,000	380 U	410 U	230 U	220 U	210 U	390 U	450 U	250 U	220 U	250 U	380 U	4500 U	220 U	310 U	250 U	420 U	410 U	250 U	280 U	280 U
NITROBENZENE	2,186,000	4,258,000	380 U	410 U	230 U	220 U	210 U	390 U	450 U	250 U	220 U	250 U	380 U	4500 U	220 U	310 U	250 U	420 U	410 U	250 U	280 U	280 U
ISOPHORONE	10,737,000	25,102,000	380 U	410 U	230 U	220 U	210 U	390 U	450 U	250 U	220 U	250 U	380 U	4500 U	220 U	310 U	250 U	420 U	410 U	250 U	280 U	280 U
2-NITROPHENOL			380 U	410 U	230 U	420 U	400 U	390 U	450 U	250 U	420 U	490 U	380 U	4500 U	220 U	610 U	490 U	420 U	410 U	250 U	550 U	540 U
2,4-DIMETHYLPHENOL			380 U	410 U	230 U	420 U	400 U	390 U	450 U	250 U	420 U	490 U	380 U	4500 U	220 U	610 U	490 U	420 U	410 U	250 U	550 U	540 U
BIS(2-CHLOROETHOXY)METHANE			380 U	410 U	230 U	220 U	210 U	390 U	450 U	250 U	220 U	250 U	380 U	4500 U	220 U	310 U	250 U	420 U	410 U	250 U	280 U	280 U
2,4-DICHLOROPHENOL			380 U	410 U	230 U	420 U	400 U	390 U	450 U	250 U	420 U	490 U	380 U	4500 U	220 U	610 U	490 U	420 U	410 U	250 U	550 U	540 U
NAPHTHALENE	174,867,000	340,667,000	380 U	410 U	230 U	220 U	210 U	390 U	450 U	250 U	220 U	250 U	380 U	4500 U	220 U	610 U	490 U	420 U	410 U	250 U	280 U	280 U
4-CHLOROANILINE			380 U	410 U	230 U	420 U	400 U	390 U	450 U	250 U	420 U	490 U	380 U	4500 U	220 U	610 U	490 U	420 U	410 U	250 U	550 U	540 U
HEXACHLOROBUTADIENE	131,000	306,000	230 J	180 J	230 U	73 J	1100	110 J	450 U	270	380	210 J	230 J	4500 U	220 U	130 J	310	110 J	410 U	250 U	210 J	320
CAPROLACTAM			380 U	410 U	230 U	220 U	210 U	390 U	450 U	250 U	220 U	250 U	380 U	4500 U	220 U	310 U	250 U	420 U	410 U	250 U	280 U	280 U
4-CHLORO-3-METHYLPHENOL			380 U	410 U	230 U	420 U	400 U	390 U	450 U	250 U	420 U	490 U	380 U	4500 U	220 U	610 U	490 U	420 U	410 U	250 U	550 U	540 U
2-METHYLNAPHTHALENE			380 U	410 U	230 U	220 U	210 U	34 J	450 U	250 U	220 U	250 U	380 U	4500 U	220 U	310 U	250 U	420 U	90 J	250 U	280 U	280 U
HEXACHLOROCYCLOPENTADIENE			380 U	830 U	230 U	220 U	210 U	780 U	890 U	250 U	220 U	250 U	770 U	9000 U	220 U	310 U	250 U	850 U	810 U	250 U	280 U	280 U
2,4,6-TRICHLOROPHENOL			380 U	410 U	230 U	420 U	400 U	390 U	450 U	250 U	420 U	490 U	380 U	4500 U	220 U	610 U	490 U	420 U	410 U	250 U	550 U	540 U
2,4,5-TRICHLOROPHENOL			380 U	410 U	230 U	420 U	400 U	390 U	450 U	250 U	420 U	490 U	380 U	4500 U	220 U	610 U	490 U	420 U	410 U	250 U	550 U	540 U
1,1'-BIPHENYL			380 U	410 U	230 U	220 U	210 U	390 U	450 U	250 U	220 U	250 U	380 U	4500 U	220 U	310 U	2700	420 U	410 U	250 U	280 U	280 U
2-CHLORONAPHTHALENE			380 U	410 U	230 U	220 U	210 U	390 U	450 U	250 U	220 U	250 U	380 U	4500 U	220 U	310 U	250 U	420 U	410 U	250 U	280 U	280 U
2-NITROANILINE			770 U	830 U	440 U	420 U	400 U	780 U	890 U	490 U	420 U	490 U	770 U	9000 U	420 U	610 U	490 U	850 U	810 U	490 U	550 U	540 U
DIMETHYL PHTHALATE	437,167,000	851,667,000	380 U	410 U	230 U	220 U	210 U	390 U	450 U	250 U	220 U	250 U	380 U	4500 U	220 U	310 U	250 U	420 U	410 U	250 U	280 U	280 U
2,6-DINITROTOLUENE			380 U	410 U	230 U	220 U	210 U	390 U	450 U	250 U	220 U	250 U	380 U	4500 U	220 U	310 U	250 U	420 U	410 U	250 U	280 U	280 U
ACENAPHTHYLENE	262,300,000	511,000,000	380 U	410 U	230 U	220 U	210 U	390 U	450 U	250 U	220 U	250 U	380 U	45								

FIELDS BROOK
TABLE 2 - SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT SAMPLES

Compounds	Project Action Limits		FB-SD01	FB-SD01	FB-SD01	FB-SD01	FB-SD01	FB-SD02	FB-SD02	FB-SD02	FB-SD02	FB-SD03	FB-SD03	FB-SD03	FB-SD03	FB-SD04	FB-SD04	FB-SD04	FB-SD04		
	Residential	Industrial	Aug-04 EU2	Aug-06 EU2	Jun-08 EU2	Sep-10 EU2	Sep-11 EU3	Aug-04 EU3	Aug-06 EU3	Jun-08 EU3	Sep-10 EU3	Aug-04 EU3	Aug-06 EU3	Jun-08 EU3	Sep-10 EU3	Aug-04 EU3	Aug-06 EU3	Jun-08 EU3	Sep-10 EU3		
CHRYSENE	139,730	327,000	43 J	410 U	230 U	230	220	390 U	85 J	160 J	65 J	100 J	380 U	4500 U	110 J	230 J	710	130 J	410 U		
DI-N-OCTYL PHTHALATE	87,443,000	170,333,000	380 U	410 U	230 U	220 U	110 J	390 U	450 U	250 U	220 U	140 J	380 U	4500 U	220 U	310 U	250 U	420 U	410 U		
BENZO(B)FLUORANTHENE	13,970	33,000	380 U	410 U	230 U	210 J	270	390 U	77 J	250 U	51 J	120 J	380 U	4500 U	220 U	190 J	760	100 J	410 U		
BENZO(K)FLUORANTHENE			39 J	410 U	230 U	190 J	120 J	390 U	450 U	250 U	46 J	54 J	380 U	4500 U	220 U	190 J	350	83 J	410 U		
BENZO(A)PYRENE			CRG	CRG	230 U	160 J	180 J	390 U	69 J	250 U	220 U	76 J	380 U	4500 U	220 U	150 J	510	94 J	410 U		
INDENO(1,2,3-CD)PYRENE	14,000	33,000	29 J	410 U	230 U	120 J	170 J	390 U	450 U	250 U	220 U	79 J	380 U	4500 U	220 U	140 J	370	76 J	410 U		
DIBENZO(A,H)ANTHRACENE	1400	3300	380 U	410 U	230 U	220 U	210 U	390 U	450 U	250 U	220 U	250 U	380 U	4500 U	220 U	310 U	98 J	420 U	410 U		
BENZO(G,H,I)PERYLENE			31 J	410 U	230 U	130 J	180 J	390 U	85 J	250 U	220 U	74 J	380 U	4500 U	220 U	130 J	340	69 J	410 U		
<i>units are ug/kg (ppb)</i>		CRG	CRG	720 U	210 U	320 U	31 U	210 U	730 U	45 U	350 U	30 U	500 U	720 U	300 U	300 U	44 UJ	250 U	790 U	82 U	
AROCLOR-1016			980 U	260 U	450 U	44 U	210 U	990 U	57 U	500 U	43 U	500 U	980 U	380 U	430 U	63 UJ	250 U	1100 U	100 U	350 U	
AROCLOR-1221			720 U	210 U	230 U	22 U	210 U	730 U	45 U	250 U	22 U	500 U	720 U	300 U	220 U	31 UJ	250 U	790 U	82 U	250 U	
AROCLOR-1232			490 U	130 U	230 U	22 U	210 U	490 U	28 U	250 U	22 U	500 U	490 U	190 U	220 U	31 UJ	250 U	540 U	52 U	250 U	
AROCLOR-1242			1300	1800	1600	850 D	2200	590	240	2800	1800 J-High	4600	1000	2400	1700	4100 J-High	3500	1300	540	3500	
AROCLOR-1248			490 U	130 U	230 U	22 U	210 U	490 U	28 U	250 U	22 U	500 U	490 U	190 U	220 U	31 UJ	250 U	540 U	52 U	250 U	
AROCLOR-1254			720 U	210 U	230 U	34	210 U	730 U	45 U	250 U	42 J-High	500 U	720 U	300 U	220 U	140 J-High	250 U	790 U	82 U	250 U	
AROCLOR-1260																			130		
<i>units are mg/kg (ppm)</i>																					
SILVER			0.09 U	0.08 U	0.10 J	0.04 U	0.206 J	0.13 J	0.08 U	0.59	0.12 J	0.0856 J	0.09 J	0.26 U	0.06 U	0.22 J	0.136 J	0.1 U	0.07 U	0.16	
ALUMINUM			7510 J	8200	9870	8780	8650	13800 J	11100	11800	10900	10200	9990 J	13000	9290	10100	10100	8390 J	12500	8220	
BARIUM			36.2	60	109 J	76.1 J	158	35.5	220	806	159 J	218	44.1	303	78.7	150 J	152	40.3	154	170 J	
BERYLLIUM	2.4	5.5	0.32 J	0.49 J	0.58 J	0.38 J	0.613	0.71	0.61 J	0.72	0.51 J	0.556 J	0.51 J	0.78 J	0.52	0.49 J	0.632 J	0.44 J	0.71	0.53 J	
CALCIUM			15700 J	5190	9580	23500	4410	1340	1800	5220 J	3160	4120	3110 J	52200	15800 J	13100	7720	2070 J	2130	6580 J	
CADMIUM	2186	4258	0.45 J	0.03 U	0.11 U	0.08 U	0.613	0.71	0.03 U	0.13 U	0.07 U	0.569 J	0.51 J	0.09 U	0.11 U	0.11 U	0.547 J	0.51 J	0.02 U	0.12 U	
COBALT			6.4	11.1	11.2	7.4	10.5	13.6	15.4	11.1	10.2	10.4	9.9	13.9	8.6	9.9	11.8	8.7	14.2	8.6	
CHROMIUM	21858 (IV),	42,583 (IV),	12.1	21.3	18.8	19.1	23.1	22	23.4	29	24.2	23.3	16.8	24.5	17	20.0	19.9	13.9	21.0	22.5	
COPPER			161,752	315,117	13.1	21.3	18.9 J	21.6	20.0	21	36.5	26.7	23.6	30.0	18.1	27.1	23.1	22.4	20.1	26.1	
IRON					17100	30700	29800	32700	42400	39900	33900	29100 J	32700	29000	25100	30300	28100 J	26700	27600	24800	29900
POTASSIUM					493 J	1130	1230 J	1310	1340	2250	1850	1920	1700	1560	1600	2470	1470	1660	1610	1050	
MAGNESIUM					6320 J	3950	4790	5280	3590	6210 J	3900	5670	5000	4660	4590 J	5660	3740	5180	5000	3510 J	
MANGANESE					558 J	734	792	686	1170	352 J	364	395 J	736	1000	495 J	2190	388 J	1130	779	502 J	
SODIUM					114 J	204 J	188 J	219 J	196 J	173 J	133 J	1990 J	142 J	225 J	150 J	531 J	213 U	314 J	232 J	111 J	
NICKEL	87,433	170,333	17.9 J	29.9	28 J	26.3	29.5	39.5 J	31.1	34.8	34.2	31.5	26.6 J	34.7	24	30.3	30.9	23.6 J	34.8	24.4	
THALLIUM	262	511	0.81 J	1.9	0.47 U	1.0 J	2.98 J	2.6	1.1 J	0.55 UJ	1.3	1.64 J	1.5	2.3 J	0.46 UJ	0.31 U	1.71 J	1 J	1.3	0.51 UJ	
VANADIUM					13.3	22.2	23.1	25.8	23.8	16.5	24.7	31.3	30.1	37.1	15.6	34.9	18.7	25.5	23.9	15.3	
ZINC	847,335	1,000,000	49.4	80.3	91.3 J	83.1	80.6	72.2	174	92.5 J	92.4	98.9	65.8	111	74.1 J	101	108	72.6	62.6	88.4 J	
LEAD	500	500	7.8 J	14.0	16.7	13.9	16.9	10.2 J	19.8	19.9 J	15.3	18.5	9.6 J	18.9	15.7 J						

FIELDS BROOK

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT SAMPLES

Compounds	Project Action Limits		FB-SD05	FB-SD05	FB-SD05	FB-SD05	FB-SD05	FB-SD06	FB-SD06	FB-SD06	FB-SD06	FB-SD06	FB-SD07	FB-SD07	FB-SD07	FB-SD07	
	Residential	Industrial	Aug-04 EU4	Aug-06 EU4	Jun-08 EU4	Sep-10 EU4	Sep-11 EU4	Aug-04 EU4	Aug-06 EU4	Jun-08 EU4	Sep-10 EU4	Sep-11 EU4	Aug-04 EU4	Aug-06 EU4	Jun-08 EU4	Sep-10 EU4	
(units are in ug/kg)																	
DICHLORODIFLUOROMETHANE			5.6 U	7.58 U	8.1 U	7.7 U	7.68 U	7.0 U	5.32 U	5.7 U	6.0 U	8.40 U	5.7 U	6.8 U	320 U	8.1 U	7.16 U
CHLOROMETHANE			5.6 U	7.58 U	8.1 U	7.7 U	7.68 U	7.0 U	5.32 U	5.7 U	6.0 U	8.40 U	5.7 U	6.8 U	320 U	8.1 U	7.16 U
VINYL CHLORIDE	CRG	CRG	5.6 U	7.58 U	8.1 U	7.7 U	2.82 J	7.0 U	5.32 U	5.7 U	6.0 U	8.40 U	0.91 J	1.6 J	69 J	8.1 U	230
BROMOMETHANE			5.6 U	7.58 U	8.1 U	7.7 U	7.68 U	7.0 U	5.32 U	5.7 U	6.0 U	8.40 U	5.7 U	6.8 U	320 U	8.1 U	7.16 U
CHLOROETHANE			5.6 U	7.58 U	8.1 U	7.7 U	7.68 U	7.0 U	5.32 U	5.7 U	6.0 U	8.40 U	5.7 U	6.8 U	320 U	8.1 U	7.16 U
TRICHLOROFUOROMETHANE			5.6 U	7.58 U	8.1 U	7.7 U	7.68 U	7.0 U	5.32 U	5.7 U	6.0 U	8.40 U	5.7 U	6.8 U	320 U	8.1 U	7.16 U
1,1-DICHLOROETHENE	17,000	40,000	5.6 U	7.58 U	8.1 U	7.7 U	7.68 U	7.0 U	5.32 U	5.7 U	6.0 U	8.40 U	5.7 U	6.8 U	320 U	8.1 U	7.16 U
CARBON DISULFIDE			1.9 J	7.58 U	8.1 U	7.7 U	7.68 U	2.5 J	5.32 U	5.7 U	6.0 U	8.40 U	2.4 J	6.8 U	320 U	8.1 U	7.16 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE			5.6 U	7.58 U	8.1 U	7.7 U	7.68 U	7.0 U	5.32 U	5.7 U	6.0 U	8.40 U	5.7 U	6.8 U	320 U	8.1 U	7.16 U
ACETONE			15	21.2	15 J	19 J	19.2 U	17 J	13.3 U	14 U	15 U	21.0 U	26	34	180 J	20 U	17.9 U
METHYLENE CHLORIDE			1.3 J	7.58 U	8.1 U	7.7 U	7.68 U	1.5 J	5.32 U	1.3 J	2.5 J	8.40 U	5.7 U	6.8 U	320 U	8.1 U	1.6 J
TRANS-1,2-DICHLOROETHENE	87,433	170,333	5.6 U	7.58 U	8.1 U	7.7 U	7.68 U	7.0 U	5.32 U	5.7 U	6.0 U	8.40 U	5.7 U	6.8 U	320 U	8.1 U	1.86 J
METHYL-T-BUTYL ETHER			5.6 U	7.58 U	8.1 U	7.7 U	7.68 U	7.0 U	5.32 U	5.7 U	6.0 U	8.40 U	5.7 U	6.8 U	320 U	8.1 U	7.16 U
1,1-DICHLOROETHANE			5.6 U	7.58 U	8.1 U	7.7 U	7.68 U	7.0 U	5.32 U	5.7 U	6.0 U	8.40 U	5.7 U	6.8 U	320 U	8.1 U	7.16 U
CIS-1,2-DICHLOROETHENE			2 J	7.58 U	8.1 U	7.7 U	7.68 U	2.1 J	5.32 U	5.7 U	6.0 U	8.40 U	6.4	1.4 J	340	8.1 U	212
2-BUTANONE			22	18.9 U	20 U	19 U	19.2 U	27	13.3 U	14 U	15 U	21.0 U	21	13 J	810 U	20 U	17.9 U
CHLOROFORM	1,672,000	3,909,000	5.6 U	7.58 U	8.1 U	7.7 U	7.68 U	7.0 U	5.32 U	5.7 U	6.0 U	8.40 U	5.7 U	6.8 U	320 U	8.1 U	7.16 U
1,1,1-TRICHLOROETHANE	393,451,000	766,500,000	5.6 U	7.58 U	8.1 U	7.7 U	7.68 U	7.0 U	5.32 U	5.7 U	6.0 U	8.40 U	5.7 U	6.8 U	320 U	8.1 U	7.16 U
CARBON TETRACHLORIDE			5.6 U	7.58 U	8.1 U	7.7 U	7.68 U	7.0 U	5.32 U	5.7 U	6.0 U	8.40 U	5.7 U	6.8 U	320 U	8.1 U	7.16 U
BENZENE	352,000	822,000	5.6 U	7.58 U	8.1 U	7.7 U	7.68 U	7.0 U	5.32 U	5.7 U	6.0 U	8.40 U	1.8 J	6.8 U	320 U	8.1 U	7.16 U
1,2-DICHLOROETHANE			5.6 U	7.58 U	8.1 U	7.7 U	7.68 U	7.0 U	5.32 U	5.7 U	6.0 U	8.40 U	5.7 U	6.8 U	320 U	8.1 U	7.16 U
TRICHLOROETHENE	CRG	CRG	3.8 J	7.58 U	8.1 U	7.7 U	7.68 U	2.5 J	5.32 U	13	6.0 U	8.40 U	5.2 J	6.8 U	320 U	8.1 U	7.16 U
1,2-DICHLOROPROPANE			5.6 U	7.58 U	8.1 U	7.7 U	7.68 U	7.0 U	5.32 U	5.7 U	6.0 U	8.40 U	5.7 U	6.8 U	320 U	8.1 U	7.16 U
BROMODICHLOROMETHANE			5.6 U	7.58 U	8.1 U	7.7 U	7.68 U	7.0 U	5.32 U	5.7 U	6.0 U	8.40 U	5.7 U	6.8 U	320 U	8.1 U	7.16 U
CIS-1,3-DICHLOROPROPENE			5.6 U	7.58 U	8.1 U	7.7 U	7.68 U	7.0 U	5.32 U	5.7 U	6.0 U	8.40 U	5.7 U	6.8 U	320 U	8.1 U	7.16 U
4-METHYL-2-PENTANONE			14 U	18.9 U	20 U	19 U	19.2 U	18 U	13.3 U	14 U	15 U	21.0 U	14 U	17 U	810 U	20 U	17.9 U
TOLUENE	874,335,000	1,000,000,000	4 J	0.925 J	8.1 U	7.7 U	7.68 U	3.8 J	5.32 U	5.7 U	6.0 U	8.40 U	5.1 J	0.76 J	320 U	8.1 U	7.16 U
TRANS-1,3-DICHLOROPROPENE			5.6 U	7.58 U	8.1 U	7.7 U	7.68 U	7.0 U	5.32 U	5.7 U	6.0 U	8.40 U	5.7 U	6.8 U	320 U	8.1 U	7.16 U
1,1,2-TRICHLOROETHANE	179,000	418,000	5.6 U	7.58 U	8.1 U	7.7 U	7.68 U	7.0 U	5.32 U	5.7 U	6.0 U	8.40 U	5.7 U	6.8 U	320 U	8.1 U	7.16 U
TETRACHLOROETHENE	CRG	CRG	5.9	7.58 U	8.1 U	7.7 U	7.68 U	1.9 J	5.32 U	3.7 J	6.0 U	8.40 U	8.9	6.8 U	110 J	8.1 U	7.16 U
2-HEXANONE			14 U	18.9 U	20 U	19 U	19.2 U	18 U	13.3 U	14 U	15 U	21.0 U	14 U	17 U	810 U	20 U	17.9 U
DBROMOCHLOROMETHANE			5.6 U	7.58 U	8.1 U	7.7 U	7.68 U	7.0 U	5.32 U	5.7 U	6.0 U	8.40 U	5.7 U	6.8 U	320 U	8.1 U	7.16 U
1,2-DIBROMOETHANE			5.6 U	7.58 U	8.1 U	7.7 U	7.68 U	7.0 U	5.32 U	5.7 U	6.0 U	8.40 U	5.7 U	6.8 U	320 U	8.1 U	7.16 U
CHLOROBENZENE	87,433,000	170,333,000	0.76 J	7.07 J	8.1 U	7.7 U	7.68 U	3.7 J	5.32 U	5.7 U	6.0 U	8.40 U	5.7 U	6.8 U	320 U	8.1 U	7.16 U
ETHYLBENZENE	437,167,000	851,667,000	5.6 U	7.58 U	8.1 U	7.7 U	7.68 U	7.0 U	5.32 U	5.7 U	6.0 U	8.40 U	5.7 U	6.8 U	320 U	8.1 U	7.16 U
STYRENE			5.6 U	7.58 U	8.1 U	7.7 U	7.68 U	7.0 U	5.32 U	5.7 U	6.0 U	8.40 U	5.7 U	6.8 U	320 U	8.1 U	7.16 U
BROMOFORM			5.6 U	7.58 U	8.1 U	7.7 U	7.68 U	7.0 U	5.32 U	5.7 U	6.0 U	8.40 U	5.7 U	6.8 U	320 U	8.1 U	7.16 U
ISOPROPYLBENZENE			5.6 U	7.58 U	8.1 U	7.7 U	7.68 U	7.0 U	5.32 U	5.7 U	6.0 U	8.40 U	5.7 U	6.8 U	320 U	8.1 U	7.16 U
1,1,2,2-TETRACHLOROETHANE	CRG	CRG	1.2 J	7.58 U	8.1 U	7.7 U	7.68 U	1.4 J	5.32 U	1.4 J							

FIELDS BROOK

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT SAMPLES

Compounds	Project Action Limits		FB-SD05	FB-SD05	FB-SD05	FB-SD05	FB-SD05	FB-SD06	FB-SD06	FB-SD06	FB-SD06	FB-SD06	FB-SD07	FB-SD07	FB-SD07	FB-SD07	
	Residential	Industrial	Aug-04 EU4	Aug-06 EU4	Jun-08 EU4	Sep-10 EU4	Sep-11 EU4	Aug-04 EU4	Aug-06 EU4	Jun-08 EU4	Sep-10 EU4	Sep-11 EU4	Aug-04 EU4	Aug-06 EU4	Jun-08 EU4	Sep-10 EU4	
(units are in ug/kg)																	
BENZALDEHYDE			370 U	500 U	270 U	260 U	260 U	460 U	350 U	200 U	200 U	290 U	380 U	450 U	220 U	250 U	240 U
PHENOLS	1,000,000,000	1,000,000,000	370 U	500 U	270 U	510 U	510 U	460 U	350 U	200 U	390 U	550 U	380 U	450 U	220 U	490 U	470 U
BIS(2-CHLOROETHYL)ETHER			370 U	500 U	270 U	260 U	260 U	460 U	350 U	200 U	200 U	290 U	380 U	450 U	220 U	250 U	240 U
2-CHLOROPHENOL	21,858,000	42,583,000	370 U	500 U	270 U	510 U	510 U	460 U	350 U	200 U	390 U	550 U	380 U	450 U	220 U	490 U	470 U
2-METHYLPHENOL			370 U	500 U	270 U	510 U	510 U	460 U	350 U	200 U	390 U	550 U	380 U	450 U	220 U	490 U	470 U
2,2'-OXYBIS(1-CHLOROPROPANE)			370 U	500 U	270 U	260 U	260 U	460 U	350 U	200 U	200 U	290 U	380 U	450 U	220 U	250 U	240 U
ACETOPHENONE			370 U	500 U	270 U	260 U	260 U	460 U	350 U	200 U	200 U	290 U	380 U	450 U	220 U	250 U	240 U
4-METHYLPHENOL			370 U	500 U	530 U	510 U	510 U	460 U	350 U	380 U	390 U	550 U	380 U	450 U	430 U	490 U	470 U
N-NITROSO-DI-N-PROPYLAMINE			370 U	500 U	270 U	260 U	260 U	460 U	350 U	200 U	200 U	290 U	380 U	450 U	220 U	250 U	240 U
HEXACHLOROETHANE	729,000	1,703,000	370 U	500 U	270 U	260 U	260 U	460 U	350 U	200 U	200 U	290 U	380 U	130 J	220 U	250 U	240 U
NITROBENZENE	2,186,000	4,258,000	370 U	500 U	270 U	260 U	260 U	460 U	350 U	200 U	200 U	290 U	380 U	450 U	220 U	250 U	240 U
ISOPHORONE	10,737,000	25,102,000	370 U	500 U	270 U	260 U	260 U	460 U	350 U	200 U	200 U	290 U	380 U	450 U	220 U	250 U	240 U
2-NITROPHENOL			370 U	500 U	270 U	510 U	510 U	460 U	350 U	200 U	390 U	550 U	380 U	450 U	220 U	490 U	470 U
2,4-DIMETHYLPHENOL			370 U	500 U	270 U	510 U	510 U	460 U	350 U	200 U	390 U	550 U	380 U	450 U	220 U	490 U	470 U
BIS(2-CHLOROETHOXY)METHANE			370 U	500 U	270 U	260 U	260 U	460 U	350 U	200 U	200 U	290 U	380 U	450 U	220 U	250 U	240 U
2,4-DICHLOROPHENOL			370 U	500 U	270 U	510 U	510 U	460 U	350 U	200 U	390 U	550 U	380 U	450 U	220 U	490 U	470 U
NAPHTHALENE	174,867,000	340,667,000	370 U	500 U	270 U	260 U	260 U	460 U	350 U	200 U	200 U	290 U	380 U	450 U	220 U	250 U	240 U
4-CHLOROANILINE			370 U	500 U	270 U	510 U	510 U	460 U	350 U	200 U	390 U	550 U	380 U	450 U	220 U	490 U	470 U
HEXACHLOROBUTADIENE	131,000	306,000	30 J	1200	840	190 J	200 J	460 U	350 U	240	190 J	320	47 J	1900	620	970	130 J
CAPROLACTAM			370 U	500 U	270 U	260 U	260 U	460 U	350 U	200 U	200 U	290 U	380 U	450 U	220 U	250 U	240 U
4-CHLORO-3-METHYLPHENOL			370 U	500 U	270 U	510 U	510 U	460 U	350 U	200 U	390 U	550 U	380 U	450 U	220 U	490 U	470 U
2-METHYLNAPHTHALENE			370 U	500 U	270 U	260 U	260 U	460 U	350 U	200 U	200 U	290 U	380 U	450 U	220 U	250 U	240 U
HEXACHLOROCYCLOPENTADIENE			740 U	1000 U	270 U	260 U	260 U	930 U	700 U	200 U	200 U	290 U	750 U	890 U	220 U	250 U	240 U
2,4,6-TRICHLOROPHENOL			370 U	500 U	270 U	510 U	510 U	460 U	350 U	200 U	390 U	550 U	380 U	450 U	220 U	490 U	470 U
2,4,5-TRICHLOROPHENOL			370 U	500 U	270 U	510 U	510 U	460 U	350 U	200 U	390 U	550 U	380 U	450 U	220 U	490 U	470 U
1,1'-BIPHENYL			370 U	500 U	270 U	260 U	30 J	460 U	350 U	200 U	200 U	290 U	380 U	450 U	220 U	250 U	240 U
2-CHLORONAPHTHALENE			370 U	500 U	270 U	260 U	260 U	460 U	350 U	200 U	200 U	290 U	380 U	450 U	220 U	250 U	240 U
2-NITROANILINE			740 U	1000 U	530 U	510 U	510 U	930 U	700 U	380 U	390 U	550 U	750 U	890 U	430 U	490 U	470 U
DIMETHYL PHTHALATE	437,167,000	851,667,000	370 U	500 U	270 U	260 U	260 U	460 U	350 U	200 U	200 U	290 U	380 U	450 U	220 U	250 U	240 U
2,6-DINITROTOLUENE			370 U	500 U	270 U	260 U	260 U	460 U	350 U	200 U	200 U	290 U	380 U	450 U	220 U	250 U	240 U
ACENAPHTHYLENE	262,300,000	511,000,000	370 U	500 U	270 U	260 U	260 U	460 U	350 U	200 U	200 U	290 U	380 U	450 U	220 U	250 U	240 U
3-NITROANILINE			740 U	1000 U	530 U	510 U	510 U	930 U	700 U	380 U	390 U	550 U	750 U	890 U	430 U	490 U	470 U
ACENAPHTHENE			370 U	500 U	270 U	260 U	260 U	460 U	350 U	200 U	200 U	290 U	380 U	450 U	220 U	250 U	240 U
2,4-DINITROPHENOL			740 U	1000 U	530 U	510 U	510 U	930 U	700 U	380 U	390 U	550 U	750 U	890 U	430 U	490 U	470 U
4-NITROPHENOL			740 U	1000 U	530 U	510 U	510 U	930 U	700 U	380 U	390 U	550 U	750 U	890 U	430 U	490 U	470 U
2,4-DINITROTOLUENE			370 U	500 U	270 U	260 U	260 U	460 U	350 U	200 U	200 U	290 U	380 U	450 U	220 U	250 U	240 U
DIBENZOFURAN			370 U	500 U	270 U	260 U	260 U	460 U	350 U	200 U	200 U	290 U	380 U	450 U	220 U	250 U	240 U
DIETHYL PHTHALATE	1,000,000,000	1,000,000,000	370 U	500 U	270 U	260 U	260 U	460 U	350 U	200 U	200 U	290 U	380 U	450 U	220 U	250 U	240 U
4-CHLOROPHENYL PHENYL ETHER			370 U	500 U	270 U	260 U	260 U	460 U	350 U	200 U	200 U	290 U	380 U	450 U	220 U	250 U	240 U
FLUORENE	174,867,000	340,667,000															

FIELDS BROOK
TABLE 2 - SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT SAMPLES

Compounds	Project Action Limits		FB-SD05	FB-SD05	FB-SD05	FB-SD05	FB-SD05	FB-SD06	FB-SD06	FB-SD06	FB-SD06	FB-SD06	FB-SD07	FB-SD07	FB-SD07	FB-SD07		
	Residential	Industrial	Aug-04 EU4	Aug-06 EU4	Jun-08 EU4	Sep-10 EU4	Sep-11 EU4	Aug-04 EU4	Aug-06 EU4	Jun-08 EU4	Sep-10 EU4	Sep-11 EU4	Aug-04 EU4	Aug-06 EU4	Jun-08 EU4	Sep-10 EU4		
CHRYSENE	139,730	327,000	36 J	270 J	210 J	210 J	190 J	460 U	350 U	200 U	79 J	350	380 U	540	220 U	160 J	150 J	
DI-N-OCTYL PHTHALATE	87,443,000	170,333,000	370 U	500 U	270 U	260 U	260 U	460 U	350 U	200 U	200 U	290 U	380 U	450 U	220 U	250 U	240 U	
BENZO(B)FLUORANTHENE	13,970	33,000	370 U	220 J	270 U	240 J	280	460 U	350 U	200 U	68 J	430	380 U	430 J	220 U	150 J	180 J	
BENZO(K)FLUORANTHENE			370 U	220 J	150 J	200 J	96 J	460 U	350 U	200 U	64 J	220 J	380 U	600	220 U	140 J	77 J	
BENZO(A)PYRENE	CRG	CRG	370 U	200 J	270 U	160 J	170 J	460 U	350 U	200 U	51 J	290	380 U	580	220 U	120 J	110 J	
INDENO(1,2,3-CD)PYRENE	14,000	33,000	370 U	160 J	270 U	130 J	160 J	460 U	350 U	200 U	42 J	290	380 U	370 J	220 U	92 J	100 J	
DIBENZO(A,H)ANTHRACENE	1400	3300	370 U	500 U	270 U	260 U	260 U	460 U	350 U	200 U	200 U	120 J	380 U	160 J	220 U	250 U	240 U	
BENZO(G,H,I)PERYLENE			370 U	150 J	270 U	130 J	150 J	460 U	350 U	200 U	200 U	310	380 U	330 J	220 U	83 J	94 J	
<i>units are ug/kg (ppb)</i>		CRG	CRG	700 U	2500 U	1900 U	37 UJ	520 U	44 U	71 U	280 U	29 UJ	1400 U	700 U	2300 U	620 U	35 U	2400 U
AROCLOR-1016			940 U	3200 U	2700 U	52 UJ	520 U	59 U	89 U	390 U	40 UJ	1400 U	950 U	2800 U	880 U	50 U	2400 U	
AROCLOR-1221			700 U	2500 U	1400 U	26 UJ	520 U	44 U	71 U	200 U	20 UJ	1400 U	700 U	2300 U	440 U	25 U	2400 U	
AROCLOR-1232			470 U	1600 U	1400 U	26 UJ	520 U	30 U	45 U	200 U	20 UJ	1400 U	480 U	1400 U	440 U	25 U	2400 U	
AROCLOR-1242			1700	22000	17000	7100 J-High	3000	140	490	2800	2300 D	11000	1000	21000	6000	5200 J-High	28000	
AROCLOR-1248			470 U	1600 U	1400 U	26 UJ	520 U	30 U	45 U	200 U	20 UJ	1400 U	480 U	1400 U	440 U	25 U	2400 U	
AROCLOR-1254			700 U	2500 U	1400 U	250 J-High	520 U	44 U	71 U	200 U	46 J	1400 U	700 U	2300 U	440 U	110	2400 U	
AROCLOR-1260																		
<i>units are mg/kg (ppm)</i>																		
SILVER			0.12 J	0.12 J	0.41	0.54 J	0.130 J	0.11 U	0.06 U	0.05 U	0.09 J	0.0984 J	0.09 U	0.07 U	0.06 U	0.15 J	0.716 U	
ALUMINUM			5910 J	7040	10700	9300	9320	12000 J	6240	6560	7490	10200	3950 J	5200	7260	7440	7590	
BARIUM			62.2	594	810	464 J	270	79.5	57.5	94.6	140 J	320	24.6	180	218	167 J	192	
BERYLLIUM	2.4	5.5	0.23 J	0.26 J	0.71	0.39 J	0.517 J	0.51 J	0.28 J	0.38	0.45 J	0.681 J	0.14 J	0.32 J	0.53	0.47 J	0.538 J	
CALCIUM			18400 J	4770	7630 J	9450		1390 J	4550	24800 J	5850	6630	89400 J	4780	4880 J	8250	6880	
CADMIUM	2186	4258	0.37 J	0.45 J	1.7	0.45 J	0.623 J	0.39 J	0.02 U	0.09 U	0.07 U	0.904	0.32 J	0.02 U	0.11 U	0.23 J	0.587 J	
COBALT			5.7	10.2	10.4	8.8	8.75	8.4	7.3	7.3	9.0	12.1	3.7	7.1	9.4	7.9	8.43	
CHROMIUM	21858 (IV),	42,583 (IV),	10.5	35.5	49.1	31.4	22.4	15.2	11.2	13.8	16.2	27.7	6.4	14.2	16.9	21.0	21.5	
COPPER	161,752	315,117	14.2	22.3	34.4	28.2	27.1	12	21.8	17	17.0	30.0	8.5	12.6	18.9	21.5	19.9	
IRON			15700	18100	24800 J	22900	21800	15700	17800	19900 J	25200	25100	10200	14600	20800 J	21100	19100	
POTASSIUM			376 J	664 J	1170	1120	1090	994	502	664	866	1190	317 J	594 J	766	918	868	
MAGNESIUM			2540 J	2180	3870	3840	3530	3260 J	3400	3190	3470	4290	37800 J	2270	2990	3510	3360	
MANGANESE			496 J	467	661 J	697	814	194 J	640	544 J	425	903	602 J	213	434 J	576	399	
SODIUM			92.9 J	131 J	253 U	209 J	212 J	153 J	84.4 J	236 U	171 J	227 J	149 J	1202 J	504 U	197 J	198	
NICKEL	87,433	170,333	15.5 J	23.1	32.7	27.5	24.1	20.3 J	17.5	19.2	22.6	30.0	9 J	15.9	30.9	22.7	21.3	
THALLIUM	262	511	0.64 J	1.2 J	0.59 UJ	1.4 J	1.55 J	0.4 U	0.80 J	0.41 J -	0.77 J	1.33 J	0.35 J	0.65 J	0.47 UJ	0.60 J	1.38 J	
VANADIUM			13.5	70.1	78.1	53.3	28.0	15.8	14.8	21.6	22.1	40.5	8.5	19.3	26.4	28.1	28.6	
ZINC	847,335	1,000,000	53.2	81.1	112 J	102	91.1	69.7	61.4	67 J	77.6	114	32	57.1	78.3 J	92.8	86.3	
LEAD	500	500	6.5 J	15.8	24.3 J	18.5	15.4	11.6 J	6.3	9.2 J	13.0	21.3	3.3 J	9.3	12.4 J	16.0	15.8	
SELENIUM	21,858	42,583	R	0.42 J	0.68 U	2.1	1.54 U	R	0.47 J	0.47 U	2.1	1.68 U	R	0.29 J	0.54 U	1.7	1.43 U	
ANTIMONY	1749	3407	0.84 J	0.64 J	0.54 UJ	1.9 J	2.19	0.7 J	0.41 J	0.37 UJ	1.1 J	2.46 J	0.36 J	0.31 J	0.52 UJ	1.0 J	1.74 J	
ARSENIC	CRG	CRG	4 J	8.7	10.9 J	8.9	7.50	2.6 J	5.7	7.7 J	12.7	11.6	2.9 J	4.8	9.7 J	8.1	7.88	
MERCURY	1312	2555	0.087	0.85	1.1	0.91	0.929	0.05	0.12	0.12	1.6	1.43	0.033 J	0.21	0.16	0.50	0.969	
<i>(pCi/g)</i>		5 pCi/g	10 pCi/g	0.812	1.79	1.94	1.42	1.07	1.06	0.741	1.27	0.997 J	1.10	0.661	1.10	1.07	1.10	1.07
			1.00</															

FIELDS BROOK

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT SAMPLES

Compounds	Project Action Limits		FB-SD08	FB-SD08	FB-SD08	FB-SD08	FB-SD08	Dup of FB-SD08	FB-SD09	FB-SD09	FB-SD09	FB-SD09	FB-SD09	FB-SD10	FB-SD10	FB-SD10	FB-SD10	FB-SD10
	Residential	Industrial	Aug-04 EU6	Aug-06 EU6	Jun-08 EU6	Sep-10 EU6	Sep-11 EU6		Aug-04 EU6	Aug-06 EU6	Jun-08 EU6	Sep-10 EU6	Sep-11 EU6	Aug-04 EU6	Aug-06 EU6	Jun-08 EU6	Sep-10 EU6	Sep-11 EU6
(units are in ug/kg)																		
DICHLORODIFLUOROMETHANE			6.0 U	6.9 U	7.2 U	7.2 U	7.25 U	5.20 U	5.9 U	7.0 U	7.2 U	7.4 U	7.36 U	5.5 U	6.3 U	7.5 U	6.8 U	6.84 U
CHLOROMETHANE			6.0 U	6.9 U	7.2 U	7.2 U	7.25 U	5.20 U	5.9 U	7.0 U	7.2 U	7.4 U	7.36 U	5.5 U	6.3 U	7.5 U	6.8 U	6.84 U
VINYL CHLORIDE	CRG	CRG	6.0 U	6.9 U	97	24	69.8 J	117 J	5.9 U	2.6 J	3.4 J	7.4 U	7.36 U	5.5 U	6.3 U	3.1 J	4.0 J	2.48
BROMOMETHANE			6.0 U	6.9 U	7.2 U	7.2 U	7.25 U	5.20 U	5.9 U	7.0 U	7.2 U	7.4 U	7.36 U	5.5 U	6.3 U	7.5 U	6.8 U	6.84 U
CHLOROETHANE			6.0 U	6.9 U	7.2 U	7.2 U	7.25 U	5.20 U	5.9 U	7.0 U	7.2 U	7.4 U	7.36 U	5.5 U	6.3 U	7.5 U	6.8 U	6.84 U
TRICHLOROFLUOROMETHANE			6.0 U	6.9 U	7.2 U	7.2 U	7.25 U	5.20 U	5.9 U	7.0 U	7.2 U	7.4 U	7.36 U	5.5 U	6.3 U	7.5 U	6.8 U	6.84 U
1,1-DICHLOROETHENE	17,000	40,000	6.0 U	6.9 U	4 J	7.2 U	2.86 J	6.79	5.9 U	7.0 U	7.2 U	7.4 U	7.36 U	5.5 U	6.3 U	7.5 U	6.8 U	6.84 U
CARBON DISULFIDE			6.1	6.9 U	13	7.2 U	9.43 J	1.14 J	4.6 J	2.6 J	7.2 U	7.4 U	7.36 U	17	6.3 U	1.5 J	6.8 U	6.84 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE			6.0 U	6.9 U	7.2 U	7.2 U	7.25 U	5.20 U	5.9 U	7.0 U	7.2 U	7.4 U	7.36 U	5.5 U	6.3 U	7.5 U	6.8 U	6.84 U
ACETONE			7.3 J	68	85	18 U	7.25 U	13.0 U	16	48	18 U	18 U	16.9	42	13 J	50	17 U	17.1 U
METHYLENE CHLORIDE			1.6 J	6.9 U	7.2 U	7.2 U	7.25 U	5.20 U	5.9 U	7.0 U	7.2 U	7.4 U	7.36 U	5.5 U	6.3 U	7.5 U	6.8 U	6.84 U
TRANS-1,2-DICHLOROETHENE	87,433	170,333	6.0 U	6.9 U	7.2 U	7.2 U	1.69 J	2.34 J	5.9 U	4.3 J	7.2 U	7.4 U	7.36 U	5.5 U	6.3 U	7.5 U	6.8 U	6.84 U
METHYL-T-BUTYL ETHER			6.0 U	6.9 U	7.2 U	7.2 U	7.25 U	5.20 U	5.9 U	7.0 U	7.2 U	7.4 U	7.36 U	5.5 U	6.3 U	7.5 U	6.8 U	6.84 U
1,1-DICHLOROETHANE			6.0 U	6.9 U	7.2 U	7.2 U	7.25 U	5.20 U	5.9 U	7.0 U	7.2 U	7.4 U	7.36 U	5.5 U	6.3 U	7.5 U	6.8 U	6.84 U
CIS-1,2-DICHLOROETHENE			6.3	6.9 U	270 J	49	138 J	703 J	1.4 J	18	80 J	7.4 U	7.36 U	3.1 J	6.3 U	3 J	6.8 U	6.84 U
2-BUTANONE			43	18	18 U	18 U	18.1 U	13.0 U	11 J	18 U	18 U	18 U	18.4 U	29	16 U	19 U	17 U	17.1 U
CHLOROFORM	1,672,000	3,909,000	6.0 U	6.9 U	7.2 U	7.2 U	7.25 U	5.20 U	5.9 U	7.0 U	7.2 U	7.4 U	7.36 U	5.5 U	6.3 U	7.5 U	6.8 U	6.84 U
1,1,1-TRICHLOROETHANE	393,451,000	766,500,000	6.0 U	6.9 U	7.2 U	7.2 U	7.25 U	5.20 U	5.9 U	7.0 U	7.2 U	7.4 U	7.36 U	5.5 U	6.3 U	7.5 U	6.8 U	6.84 U
CARBON TETRACHLORIDE			6.0 U	6.9 U	7.2 U	7.2 U	7.25 U	5.20 U	5.9 U	7.0 U	7.2 U	7.4 U	7.36 U	5.5 U	6.3 U	7.5 U	6.8 U	6.84 U
BENZENE	352,000	822,000	6.0 U	6.9 U	7.2 U	7.2 U	7.25 U	5.20 U	5.9 U	0.82 J	7.2 U	7.4 U	7.36 U	1.1 J	6.3 U	7.5 U	6.8 U	6.84 U
1,2-DICHLOROETHANE			6.0 U	6.9 U	7.2 U	7.2 U	7.25 U	5.20 U	5.9 U	7.0 U	7.2 U	7.4 U	7.36 U	5.5 U	6.3 U	7.5 U	6.8 U	6.84 U
TRICHLOROETHENE	CRG	CRG	4.2 J	6.9 U	110	37	127 J	912 J	3.9 J	29	39 J	7.4 U	7.36 U	6.4	6.3 U	7.5 U	6.8 U	6.84 U
1,2-DICHLOROPROPANE			6.0 U	6.9 U	7.2 U	7.2 U	7.25 U	5.20 U	5.9 U	7.0 U	7.2 U	7.4 U	7.36 U	5.5 U	6.3 U	7.5 U	6.8 U	6.84 U
BROMODICHLOROMETHANE			6.0 U	6.9 U	7.2 U	7.2 U	7.25 U	5.20 U	5.9 U	7.0 U	7.2 U	7.4 U	7.36 U	5.5 U	6.3 U	7.5 U	6.8 U	6.84 U
CIS-1,3-DICHLOROPROPENE			6.0 U	6.9 U	7.2 U	7.2 U	7.25 U	5.20 U	5.9 U	7.0 U	7.2 U	7.4 U	7.36 U	5.5 U	6.3 U	7.5 U	6.8 U	6.84 U
4-METHYL-2-PENTANONE			15 U	17 U	18 U	18 U	18.1 U	13.0 U	15 U	18 U	18 U	18 U	18.4 U	14 U	16 U	19 U	17 U	17.1 U
TOLUENE	874,335,000	1,000,000,000	7.3	6.9 U	7.2 U	7.2 U	7.25 U	5.20 U	3.9 J	1.1 J	7.2 U	7.4 U	7.36 U	6.5	6.3 U	7.5 U	6.8 U	6.84 U
TRANS-1,3-DICHLOROPROPENE			6.0 U	6.9 U	7.2 U	7.2 U	7.25 U	5.20 U	1.4 J	7.0 U	7.2 U	7.4 U	7.36 U	5.5 U	6.3 U	7.5 U	6.8 U	6.84 U
1,1,2-TRICHLOROETHANE	179,000	418,000	6.0 U	6.9 U	7.2 U	7.2 U	7.25 U	5.20 U	5.9 U	7.0 U	7.2 U	7.4 U	7.36 U	5.5 U	6.3 U	7.5 U	6.8 U	6.84 U
TETRACHLOROETHENE	CRG	CRG	4.0 J	6.9 U	270	180	5930 J	16600 J	7.4	44	34 J	7.4 U	7.36 U	17	6.3 U	7.5 U	6.8 U	6.84 U
2-HEXANONE			15 U	17 U	18 U	18 U	18.1 U	13.0 U	15 U	18 U	18 U	18 U	18.4 U	14 U	16 U	19 U	17 U	17.1 U
DBROMOCHLOROMETHANE			6.0 U	6.9 U	7.2 U	7.2 U	7.25 U	5.20 U	5.9 U	7.0 U	7.2 U	7.4 U	7.36 U	5.5 U	6.3 U	7.5 U	6.8 U	6.84 U
1,2-DIBROMOETHANE			6.0 U	6.9 U	7.2 U	7.2 U	7.25 U	5.20 U	5.9 U	7.0 U	7.2 U	7.4 U	7.36 U	5.5 U	6.3 U	7.5 U	6.8 U	6.84 U
CHLOROBENZENE	87,433,000	170,333,000	2.5 J	2.6 J	8.8	7.2 U	8.35	12.0	0.79 J	0.71 J	1.8 J	7.4 U	7.36 U	0.54 J	6.3 U	7.5 U	6.8 U	6.84 U
ETHYLBENZENE	437,167,000	851,667,000	6.0 U	6.9 U	7.2 U	7.2 U	7.25 U	5.20 U	5.9 U	7.0 U	7.2 U	7.4 U	7.36 U	5.5 U	6.3 U	7.5 U	6.8 U	6.84 U
STYRENE			6.0 U	6.9 U	7.2 U	7.2 U	7.25 U	5.20 U	5.9 U	7.0 U	7.2 U	7.4 U	7.36 U	5.5 U	6.3 U	7.5 U	6.8 U	6.84 U
BROMOFORM			6.0 U	6.9 U	7.2 U	7.2 U	7.25 U	5.20 U	5.9 U	7.0 U	7.2 U							

FIELDS BROOK
TABLE 2 - SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT SAMPLES

Compounds	Project Action Limits		FB-SD08	FB-SD08	FB-SD08	FB-SD08	FB-SD08	Dup of FB-SD08	FB-SD09	FB-SD09	FB-SD09	FB-SD09	FB-SD09	FB-SD10	FB-SD10	FB-SD10	FB-SD10	FB-SD10
	Residential	Industrial	Aug-04 EU6	Aug-06 EU6	Jun-08 EU6	Sep-10 EU6	Sep-11 EU6	Sep-11 EU6	Aug-04 EU6	Aug-06 EU6	Jun-08 EU6	Sep-10 EU6	Sep-11 EU6	Aug-04 EU6	Aug-06 EU6	Jun-08 EU6	Sep-10 EU6	Sep-11 EU6
(units are in ug/kg)																		
BENZALDEHYDE			390 U	460 U	2500 U	820 U	4900 U	6900 U	390 U	460 U	250 U	240 U	250 U	360 U	420 U	250 U	230 U	230 U
PHENOLS	1,000,000,000	1,000,000,000	390 U	460 U	2500 U	1600 U	9600 U	3500 U	390 U	460 U	250 U	460 U	490 U	360 U	420 U	250 U	450 U	450 U
BIS(2-CHLOROETHYL)ETHER			390 U	460 U	2500 U	820 U	4900 U	3500 U	390 U	460 U	250 U	240 U	250 U	360 U	420 U	250 U	230 U	230 U
2-CHLOROPHENOL	21,858,000	42,583,000	390 U	460 U	2500 U	1600 U	9600 U	6900 U	390 U	460 U	250 U	460 U	490 U	360 U	420 U	250 U	450 U	450 U
2-METHYLPHENOL			390 U	460 U	2500 U	1600 U	9600 U	6900 U	390 U	460 U	250 U	460 U	490 U	360 U	420 U	250 U	450 U	450 U
2,2'-OXYBIS(1-CHLOROPROPANE)			390 U	460 U	2500 U	820 U	4900 U	3500 U	390 U	460 U	250 U	240 U	250 U	360 U	420 U	250 U	230 U	230 U
ACETOPHENONE			390 U	460 U	2500 U	820 U	4900 U	3500 U	390 U	460 U	250 U	460 U	490 U	360 U	420 U	250 U	230 U	230 U
4-METHYLPHENOL			390 U	460 U	4800 U	1600 U	9600 U	6900 U	390 U	460 U	480 U	240 U	250 U	360 U	420 U	490 U	450 U	450 U
N-NITROSO-DI-N-PROPYLAMINE			390 U	460 U	2500 U	820 U	4900 U	3500 U	390 U	460 U	250 U	240 U	250 U	360 U	420 U	250 U	230 U	230 U
HEXACHLOROETHANE	729,000	1,703,000	390 U	460 U	2500 U	820 U	4900 U	3500 U	390 U	460 U	250 U	240 U	250 U	360 U	420 U	250 U	230 U	230 U
NITROBENZENE	2,186,000	4,258,000	390 U	460 U	2500 U	820 U	4900 U	3500 U	390 U	460 U	250 U	240 U	250 U	360 U	420 U	250 U	230 U	230 U
ISOPHORONE	10,737,000	25,102,000	390 U	460 U	2500 U	820 U	4900 U	3500 U	390 U	460 U	250 U	240 U	250 U	360 U	420 U	250 U	230 U	230 U
2-NITROPHENOL			390 U	460 U	2500 U	1600 U	9600 U	6900 U	390 U	460 U	250 U	460 U	490 U	360 U	420 U	250 U	450 U	450 U
2,4-DIMETHYLPHENOL			390 U	460 U	2500 U	1600 U	9600 U	6900 U	390 U	460 U	250 U	460 U	490 U	360 U	420 U	250 U	450 U	450 U
BIS(2-CHLOROETHOXY)METHANE			390 U	460 U	2500 U	820 U	4900 U	3500 U	390 U	460 U	250 U	240 U	250 U	360 U	420 U	250 U	230 U	230 U
2,4-DICHLOROPHENOL			390 U	460 U	2500 U	1600 U	9600 U	3500 U	390 U	460 U	250 U	460 U	490 U	360 U	420 U	250 U	450 U	450 U
NAPHTHALENE	174,867,000	340,667,000	390 U	460 U	2500 U	820 U	4900 U	3500 U	390 U	460 U	250 U	240 U	250 U	360 U	420 U	250 U	230 U	230 U
4-CHLOROANILINE			390 U	460 U	2500 U	1600 U	9600 U	6900 U	390 U	460 U	250 U	460 U	490 U	360 U	420 U	250 U	450 U	450 U
HEXACHLOROBUTADIENE	131,000	306,000	4100	310 J	78,000	11000	160000	21000	200 J	220 J	770	700	140 J	330 J	420 U	250 U	810	200
CAPROLACTAM			390 U	460 U	2500 U	820 U	4900 U	3500 U	390 U	460 U	250 U	240 U	250 U	360 U	420 U	250 U	230 U	230 U
4-CHLORO-3-METHYLPHENOL			390 U	460 U	2500 U	1600 U	9600 U	6900 U	390 U	460 U	250 U	460 U	490 U	360 U	420 U	250 U	450 U	450 U
2-METHYLNAPHTHALENE			390 U	460 U	2500 U	820 U	4900 U	3500 U	390 U	460 U	250 U	240 U	250 U	360 U	420 U	250 U	230 U	230 U
HEXACHLOROCYCLOPENTADIENE			790 U	920 U	2500 U	820 U	4900 U	3500 U	780 U	920 U	250 U	240 U	250 U	730 J	840 U	250 U	230 U	230 U
2,4,6-TRICHLOROPHENOL			390 U	460 U	2500 U	1600 U	9600 U	6900 U	390 U	460 U	250 U	460 U	490 U	360 U	420 U	250 U	450 U	450 U
2,4,5-TRICHLOROPHENOL			390 U	460 U	2500 U	1600 U	9600 U	6900 U	390 U	460 U	250 U	460 U	490 U	360 U	420 U	250 U	450 U	450 U
1,1'-BIPHENYL			390 U	460 U	2500 U	820 U	4900 U	3500 U	390 U	460 U	250 U	240 U	250 U	360 U	420 U	250 U	230 U	230 U
2-CHLORONAPHTHALENE			390 U	460 U	2500 U	820 U	4900 U	3500 U	390 U	460 U	250 U	240 U	250 U	360 U	420 U	250 U	230 U	230 U
2-NITROANILINE			790 U	920 U	4800 U	1600 U	9600 U	6900 U	780 U	920 U	480 U	460 U	490 U	730 U	840 U	490 U	450 U	450 U
DIMETHYL PHTHALATE	437,167,000	851,667,000	390 U	460 U	2500 U	820 U	4900 U	3500 U	390 U	460 U	250 U	240 U	250 U	360 U	420 U	250 U	230 U	230 U
2,6-DINITROTOLUENE			390 U	460 U	2500 U	820 U	4900 U	3500 U	390 U	460 U	250 U	240 U	250 U	360 U	420 U	250 U	230 U	230 U
ACENAPHTHYLENE	262,300,000	511,000,000	390 U	460 U	2500 U	820 U	4900 U	3500 U	390 U	460 U	250 U	240 U	250 U	360 U	420 U	250 U	230 U	230 U
3-NITROANILINE			790 U	920 U	4800 U	1600 U	9600 U	6900 U	780 U	920 U	480 U	460 U	490 U	730 U	840 U	490 U	450 U	450 U
ACENAPHTHENE			390 U	460 U	2500 U	820 U	4900 U	3500 U	390 U	460 U	250 U	240 U	250 U	360 U	420 U	250 U	230 U	230 U
2,4-DINITROPHENOL			790 U	920 U	4800 U	1600 U	9600 U	6900 U	780 U	920 U	480 U	460 U	490 U	730 U	840 U	490 U	450 U	450 U
4-NITROPHENOL			790 U	920 U	4800 U	1600 U	9600 U	6900 U	780 U	920 U	480 U	460 U	490 U	730 U	840 U	490 U	450 U	450 U
2,4-DINITROTOLUENE			390 U	460 U	2500 U	820 U	4900 U	3500 U	390 U	460 U	250 U	240 U	250 U	360 U	420 U	250 U	230 U	230 U

FIELDS BROOK
TABLE 2 - SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT SAMPLES

Compounds	Project Action Limits		FB-SD08	FB-SD08	FB-SD08	FB-SD08	FB-SD08	Dup of FB-SD08	FB-SD09	FB-SD09	FB-SD09	FB-SD09	FB-SD09	FB-SD10	FB-SD10	FB-SD10	FB-SD10	FB-SD10
	Residential	Industrial	Aug-04 EU6	Aug-06 EU6	Jun-08 EU6	Sep-10 EU6	Sep-11 EU6	Sep-11 EU6	Aug-04 EU6	Aug-06 EU6	Jun-08 EU6	Sep-10 EU6	Sep-11 EU6	Aug-04 EU6	Aug-06 EU6	Jun-08 EU6	Sep-10 EU6	
CHRYSENE	139,730	327,000	33 U	460 U	2500 U	420 J	4900 U	3500 U	390 U	460 U	530	480	260	360 U	420 U	250 U	160 J	380
DI-N-OCTYL PHTHALATE	87,443,000	170,333,000	390 U	460 U	2500 U	820 U	4900 U	3500 U	390 U	460 U	250 U	240 U	250 U	360 U	420 U	250 U	230 U	230 U
BENZO(B)FLUORANTHENE	13,970	33,000	390 U	70 J	2500 U	400 J	4900 U	3500 U	390 U	460 U	280	420	350	360 U	420 U	250 U	160 J	490
BENZO(K)FLUORANTHENE			390 U	460 U	2500 U	410 J	4900 U	3500 U	390 U	460 U	390	500	140 J	360 U	420 U	250 U	170 J	220 J
BENZO(A)PYRENE	CRG	CRG	390 U	460 U	2500 U	380 J	4900 U	3500 U	390 U	460 U	260	390	200 J	360 U	420 U	250 U	130 J	350
INDENO(1,2,3-CD)PYRENE	14,000	33,000	390 U	460 U	2500 U	270 J	4900 U	3500 U	390 U	460 U	160 J	320	210 J	360 U	420 U	250 U	100 J	290
DIBENZO(A,H)ANTHRACENE	1400	3300	390 U	460 U	2500 U	820 U	4900 U	3500 U	390 U	460 U	250 U	70 J	59 J	360 U	420 U	250 U	230 U	71 J
BENZO(G,H,I)PERYLENE			390 U	460 U	2500 U	240 J	4900 U	3500 U	390 U	460 U	140 J	290	190 J	360 U	420 U	250 U	100 J	270
<i>units are ug/kg (ppb)</i>	CRG	CRG	1800 U	930 U	17000 U	39 UJ	2500 U	1800 U	730 U	230 U	1700 U	33 U	250 U	680 U	210 U	180 U	32 U	460 U
AROCLOR-1016			2500 U	1200 U	25000 U	55 UJ	2500 U	1800 U	990 U	300 U	2500 U	47 U	250 U	920 U	270 U	250 U	46 U	460 U
AROCLOR-1221			1800 U	930 U	12000 U	27 UJ	2500 U	1800 U	730 U	230 U	1200 U	24 U	250 U	680 U	210 U	130 U	23 U	460 U
AROCLOR-1232			1300 U	580 U	12000 U	27 UJ	2500 U	1800 U	490 U	150 U	1200 U	24 U	250 U	460 U	130 U	130 U	23 U	460 U
AROCLOR-1242			10000	6700	130000	12000 J-High	15000	14000	3300	2000	17000	4700 J-High	3300	4100	770	1600	2400 J-High	4300
AROCLOR-1248			1300 U	580 U	12000 U	27 UJ	2500 U	1800 U	490 U	150 U	1200 U	24 U	250 U	460 U	130 U	130 U	23 U	460 U
AROCLOR-1254			1800 U	930 U	12000 U	150 J	2500 U	1800 U	730 U	99 J	1200 U	110	250 U	680 U	210 U	130 U	55 J	460 U
<i>units are mg/kg (ppm)</i>																		
SILVER			0.11 J	0.08 U	0.07 U	0.21 J	0.725 U	0.520 U	0.11 J	0.08 U	0.16 J	0.05 U	0.131 J	0.95	0.08 U	0.07 U	0.07 J	0.141 J
ALUMINUM			6550 J	7840	14900	9390	10000	7410	6460 J	10100	9120	6630	9140	5620 J	11600	12000	10200	8550
BARIUM			99.6	348	109	226 J	249	126	51.4	782	564	73.8 J	138	212	73.9	108	139 J	204
BERYLLIUM	2.4	5.5	0.34 J	0.52 J	0.68 J	0.62 J	0.694 J	0.52	0.27 J	0.50 J	0.54 J	0.29 J	0.635 J	0.12 J	0.45 J	0.53 J	0.35 J	0.575 J
CALCIUM	2186	4258	13000 J	2710	2190	5040	3640	2120	14500 J	17000	11800	29000	15000	12100 J	3440	10800	21800	18700
CADMIUM			0.51 J	0.03 U	0.13 U	0.17 J	0.759	0.593	0.46 J	0.03 U	0.17 J	0.08 U	0.485 J	6.1	0.03 U	0.13 U	0.08 U	0.322 J
COBALT			7.2	10.0	12.4	9.7	10.1	7.43	6.5	10.1	10.8	5.6	9.15	7.4	9.7	8.9	7.4	7.96
CHROMIUM	21858 (IV),	42,583 (IV),	13.1	15.7	20.7	19.7	19.7	15.7	10.2	18.7	29.5	17.4	22.2	48.6	13.6	18.4	16.4	41.9
COPPER	161,752	315,117	14.9	15.8	19.5	22.1	20.4	14.5	13.5	19.5	21.2	19.8	27.6	59.3	40.1	31.6	21.5	21.0
IRON			18400	20400	24900	22900	21800	17700	18000	21700	22200	17200	22200	52400	24000	24400	22700	21500
POTASSIUM			632	843	1490	1020	1030	775	493 J	1350	1090	891	1160	423 J	996	1280	1380	1080
MAGNESIUM			3180 J	2350	3570	3270	2900	2140	3330 J	11200	5370	4460	5080	5350 J	3270	6190	11900	5490
MANGANESE			415 J	334	316	582	447	313	1020 J	358	715	564	491	1010 J	551	697	639	842
SODIUM			125 J	136 J	306 U	274 J	225 J	156 J	95.6 J	189 J	261 U	190 J	224 J	138 J	120 J	261 U	237 J	204 J
NICKEL	87,433	170,333	17.2 J	18.3	25.2	24.3	22.9	16.1	15.4 J	31.4	26.9	19.3	25.1	47.8 J	22.3	25.8	29.8	22.3
THALLIUM	262	511	0.82 J	1.2 J	0.55 UJ	0.57 J	1.48 J	1.19 J	0.79 J	0.82 J	0.55 UJ	0.29 J	1.43 J	6.4	1.4	0.55 UJ	0.64 J	1.30 J
VANADIUM			18.5	21.8	25.6	25.7	28.7	19.4	13.2	40.4	38.9	24.5	33.9	142	19.5	34.2	40.9	27.5
ZINC	847,335	1,000,000	60.4	59.1	102 J	107	101	69.2	54.3	61.9	88.5 J	70.1	96.4	102	87.9	90.6 J	70.7	79.1
LEAD	500	500	9.3 J	13.1	17.6 J	19.3	18.6	13.0	6.9 J	14.2	17.7 J	13.3	21.0	18.7 J	12.2	15.2 J	13.9	15.4
SELENIUM	21,858	42,583	R	0.57 J	1.0 J	1.9	1.45 U	1.04 U	R	0.67	0.68 J	1.5	1.47 U	R	0.89	0.64 UJ	1.9	1.37 U
ANTIMONY	1749	3407	0.7 J	0.57 J	0.51 UJ	1.5 J	2.02 J	1.43 J	0.73 J	0.72 J	0.51 UJ	1.1 J	1.95 J	2	0.51 J	0.51 UJ	1.4 J	1.79 J
ARSENIC	CRG	CRG	6.7 J	9.5	7.1 J	8.9	9.09	8.4	4.3 J	9.4	10.6 J	5.8	8.90	9 J	11.0	11.1 J	10.3	9.99
MERCURY	1312	2555																

FIELDS BROOK

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT SAMPLES

Compounds	Project Action Limits		FB-SD11	FB-SD11	FB-SD11	FB-SD11	FB-SD11	FB-SD12	FB-SD12	FB-SD12	FB-SD12	FB-SD13	FB-SD13	FB-SD13	FB-SD13	FB-SD13	FB-SD14	FB-SD14	FB-SD14	FB-SD14	FB-SD14		
	Residential	Industrial	Aug-04 EU6	Aug-06 EU6	Jun-08 EU6	Sep-10 EU6	Sep-11 EU6	Aug-04 EU6	Aug-06 EU6	Jun-08 EU6	Sep-10 EU6	Sep-11 EU6	Aug-04 EU6	Aug-06 EU6	Jun-08 EU6	Sep-10 EU6	Sep-11 EU6	Aug-04 EU8	Aug-06 EU8	Jun-08 EU8	Sep-10 EU8	Sep-11 EU8	
(units are in ug/kg)																							
DICHLORODIFLUOROMETHANE			17 U	8.1 U	8.2 U	8.1 U	7.75 U	5.6 U	6.5 U	6.2 U	6.9 U	7.62 U	5.9 U	6.3 U	not sampled	10 U	6.92 U	6.8 U	6.7 U	not sampled	14 U	6.38 U	
CHLOROMETHANE			17 U	8.1 U	8.2 U	8.1 U	7.75 U	5.6 U	6.5 U	6.2 U	6.9 U	7.62 U	5.9 U	6.3 U		10 U	6.92 U	6.8 U	6.7 U		14 U	6.38 U	
VINYL CHLORIDE	CRG	CRG	17 U	8.1 U	4 J	8.1 U	7.75 U	5.6 U	7.3	32	26	5.03 J	5.9 U	6.3 U		10 U	3.28 J	79	1200		14	6.38 U	
BROMOMETHANE			17 U	8.1 U	8.2 U	8.1 U	7.75 U	5.6 U	6.5 U	6.2 U	6.9 U	7.62 U	1.0 JB	6.3 U		10 U	6.92 U	6.8 U	6.7 U		14 U	6.38 U	
CHLOROETHANE			17 U	8.1 U	8.2 U	8.1 U	7.75 U	5.6 U	6.5 U	6.2 U	6.9 U	7.62 U	5.9 U	6.3 U		10 U	6.92 U	6.8 U	6.7 U		14 U	6.38 U	
TRICHLOROFUOROMETHANE			17 U	8.1 U	8.2 U	8.1 U	7.75 U	5.6 U	4.6 J	2.7 J	6.9 U	7.62 U	5.9 U	6.3 U		10 U	6.92 U	4.8 J	6.7		14 U	6.38 U	
1,1-DICHLOROETHENE	17,000	40,000	17 U	8.1 U	8.2 U	8.1 U	7.75 U	5.6 U	6.5 U	6.2 U	6.9 U	7.62 U	5.9 U	6.3 U		1.0 J	6.92 U	4.4 J	2.8 J		14 U	6.38 U	
CARBON DISULFIDE			17 U	1.3 J	8.2 U	8.1 U	7.75 U	4.4 J	6.5 U	6.2 U	6.9 U	7.62 U	1.3 J									14 U	6.38 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE			17 U	8.1 U	8.2 U	8.1 U	7.75 U	5.6 U	6.5 U	6.2 U	6.9 U	7.62 U	5.9 U	6.3 U		10 U	6.92 U	6.8 U	6.7 U		14 U	6.38 U	
ACETONE			16 J	42	20 U	38	19.4 U	38	16 U	15 U	17 U	16.6 J	15 U	11 J		26 U	17.3 U	31	17 U		14 U	15.9 U	
METHYLENE CHLORIDE			3.6 J	8.1 U	8.2 U	8.1 U	7.75 U	5.6 U	6.5 U	6.2 U	6.9 U	7.62 U	5.9 U	6.3 U		10 U	1.14 J	2.3 J	6.7 U		14 U	6.38 U	
TRANS-1,2-DICHLOROETHENE	87,433	170,333	17 U	8.1 U	8.2 U	8.1 U	7.75 U	5.6 U	1.4 J	2.5 J	2.0 J	7.62 U	5.9 U	6.3 U		10 U	6.92 U	2.6 J	6.7 U		14 U	6.38 U	
METHYL-T-BUTYL ETHER			17 U	8.1 U	8.2 U	8.1 U	7.75 U	5.6 U	6.5 U	6.2 U	6.9 U	7.62 U	5.9 U	6.3 U		10 U	6.92 U	6.8 U	6.7 U		14 U	6.38 U	
1,1-DICHLOROETHANE			17 U	8.1 U	8.2 U	8.1 U	7.75 U	5.6 U	6.5 U	6.2 U	6.9 U	7.62 U	5.9 U	6.3 U		10 U	6.92 U	1.7 J	2.3 J		14 U	6.38 U	
CIS-1,2-DICHLOROETHENE			17 U	8.1 U	2.8 J	8.1 U	7.75 U	3.3 J	300 J	330	60	0.82 J	4.7 J	1.5 J		10 U	2.6 J	170	190		7.9 J	6.38 U	
2-BUTANONE			43 U	20 U	20 U	20 U	19.4 U	26	16 U	15 U	17 U	19.1 U	15 U	16 U		26 U	17.3 U	37	17 U		34 U	15.9 U	
CHLOROFORM	1,672,000	3,909,000	17 U	8.1 U	8.2 U	8.1 U	7.75 U	5.6 U	6.5 U	6.2 U	6.9 U	7.62 U	5.9 U	6.3 U		10 U	6.92 U	6.8 U	6.7 U		14 U	6.38 U	
1,1,1-TRICHLOROETHANE	393,451,000	766,500,000	17 U	8.1 U	8.2 U	8.1 U	7.75 U	5.6 U	6.5 U	6.2 U	6.9 U	7.62 U	5.9 U	6.3 U		10 U	6.92 U	6.8 U	6.7 U		14 U	6.38 U	
CARBON TETRACHLORIDE			17 U	8.1 U	8.2 U	8.1 U	7.75 U	5.6 U	6.5 U	6.2 U	6.9 U	7.62 U	5.9 U	6.3 U		10 U	6.92 U	6.8 U	6.7 U		14 U	6.38 U	
BENZENE	352,000	822,000	17 U	8.1 U	8.2 U	8.1 U	7.75 U	5.6 U	6.5 U	6.2 U	6.9 U	7.62 U	5.9 U	6.3 U		10 U	6.92 U	4.0 J	1.0 J		14 U	6.38 U	
1,2-DICHLOROETHANE			17 U	8.1 U	8.2 U	8.1 U	7.75 U	5.6 U	6.5 U	6.2 U	6.9 U	7.62 U	5.9 U	6.3 U		10 U	6.92 U	2.7 J	6.7 U		14 U	6.38 U	
TRICHLOROETHENE	CRG	CRG	3.5 JB	8.1 U	8.2 U	8.1 U	7.75 U	12	220	99	23	7.62 U	8.2	3.0 J		10 U	6.92 U	11	6.2 J		14 U	6.38 U	
1,2-DICHLOROPROPANE			17 U	8.1 U	8.2 U	8.1 U	7.75 U	5.6 U	6.5 U	6.2 U	6.9 U	7.62 U	5.9 U	6.3 U		10 U	6.92 U	6.8 U	6.7 U		14 U	6.38 U	
BROMODICHLOROMETHANE			17 U	8.1 U	8.2 U	8.1 U	7.75 U	5.6 U	6.5 U	6.2 U	6.9 U	7.62 U	5.9 U	6.3 U		10 U	6.92 U	6.8 U	6.7 U		14 U	6.38 U	
CIS-1,3-DICHLOROPROPENE			17 U	8.1 U	8.2 U	8.1 U	7.75 U	5.6 U	6.5 U	6.2 U	6.9 U	7.62 U	5.9 U	6.3 U		10 U	6.92 U	6.8 U	6.7 U		14 U	6.38 U	
4-METHYL-2-PENTANONE			43 U	20 U	20 U	20 U	19.4 U	14 U	16 U	15 U	17 U	19.1 U	15 U	16 U		26 U	17.3 U	17 U	17 U		34 U	15.9 U	
TOLUENE	874,335,000	1,000,000,000	17 U	8.1 U	8.2 U	8.1 U	7.75 U	3.9 J	6.5 U	6.2 U	6.9 U	0.733 J	5.9 U	6.3 U		10 U	6.92 U	9.1	0.76 J		14 U	6.38 U	
TRANS-1,3-DICHLOROPROPENE			17 U	8.1 U	8.2 U	8.1 U	7.75 U	5.6 U	6.5 U	6.2 U	6.9 U	7.62 U	5.9 U	6.3 U		10 U	6.92 U	6.8 U	6.7 U		14 U	6.38 U	
1,1,2-TRICHLOROETHANE	179,000	418,000	17 U	8.1 U	8.2 U	8.1 U	7.75 U	5.6 U	1.3 J	3.1 J	6.9 U	7.62 U	5.9 U	6.3 U		10 U	6.92 U	1.5 J	6.7 U		14 U	6.38 U	
TETRACHLOROETHENE	CRG	CRG	17 U	8.1 U	8.2 U	8.1 U	7.75 U	6.2	2800 U	47	27	7.62 U	16	4.4 J		10 U	6.92 U	7.2	6.7 U		14 U	6.38 U	
2-HEXANONE			43 U	20 U	20 U	20 U	19.4 U	14 U	16 U	15 U	17 U	7.62 U	15 U	16 U		26 U	17.3 U	17 U	17 U		34 U	15.9 U	
DIBROMOCHLOROMETHANE			17 U	8.1 U	8.2 U	8.1 U	7.75 U	5.6 U</td															

FIELDS BROOK

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT SAMPLES

Compounds	Project Action Limits		FB-SD11	FB-SD11	FB-SD11	FB-SD11	FB-SD11	FB-SD12	FB-SD12	FB-SD12	FB-SD12	FB-SD13	FB-SD13	FB-SD13	FB-SD13	FB-SD14	FB-SD14	FB-SD14	FB-SD14	FB-SD14		
	Residential	Industrial	Aug-04 EU6	Aug-06 EU6	Jun-08 EU6	Sep-10 EU6	Sep-11 EU6	Aug-04 EU6	Aug-06 EU6	Jun-08 EU6	Sep-10 EU6	Sep-11 EU6	Aug-04 EU6	Aug-06 EU6	Jun-08 EU6	Sep-10 EU6	Sep-11 EU6	Aug-04 EU8	Aug-06 EU8	Jun-08 EU8	Sep-10 EU8	Sep-11 EU8
(units are in ug/kg)																						
BENZALDEHYDE			170 J	530 U	280 U	270 U	260 U	370 U	430 U	210 U	280	260 U	390 U	420 U	not sampled	350 U	240 U	450 U	440 U	not sampled	460 U	220 U
PHENOLS	1,000,000,000	1,000,000,000	1100 U	530 U	280 U	530 U	510 U	370 U	430 U	210 U	460 U	500 U	390 U	420 U	670 U	460 U	450 U	440 U	460 U	890 U	420 U	
BIS(2-CHLOROETHYL)ETHER			1100 U	530 U	280 U	270 U	260 U	370 U	430 U	210 U	240 U	260 U	390 U	420 U		350 U	240 U	450 U	440 U	460 U	220 U	
2-CHLOROPHENOL			1100 U	530 U	280 U	530 U	510 U	370 U	430 U	210 U	460 U	500 U	390 U	420 U		670 U	460 U	450 U	440 U	890 U	420 U	
2-METHYLPHENOL			1100 U	530 U	280 U	530 U	510 U	370 U	430 U	210 U	460 U	500 U	390 U	420 U		670 U	460 U	450 U	440 U	890 U	420 U	
2,2'-OXYBIS(1-CHLOROPROPANE)			1100 U	530 U	280 U	270 U	260 U	370 U	430 U	210 U	240 U	260 U	390 U	420 U		350 U	240 U	450 U	440 U	460 U	220 U	
ACETOPHENONE			1100 U	530 U	280 U	270 U	260 U	370 U	430 U	210 U	460 U	500 U	390 U	420 U		670 U	61 J	450 U	440 U	530 J	420 U	
4-METHYLPHENOL			1100 U	530 U	540 U	530 U	510 U	370 U	430 U	410 U	460 U	500 U	390 U	420 U						460 U	220 U	
N-NITROSO-DI-N-PROPYLAMINE			1100 U	530 U	280 U	270 U	260 U	370 U	430 U	210 U	240 U	260 U	390 U	420 U		350 U	240 U	450 U	440 U	460 U	220 U	
HEXACHLOROETHANE	729,000	1,703,000	1100 U	530 U	280 U	270 U	260 U	370 U	470	210 U	240 U	260 U	390 U	420 U		350 U	240 U	450 U	440 U	460 U	220 U	
NITROBENZENE	2,186,000	4,258,000	1100 U	530 U	280 U	270 U	260 U	370 U	430 U	210 U	240 U	260 U	390 U	420 U		350 U	240 U	450 U	440 U	460 U	220 U	
ISOPHORONE	10,737,000	25,102,000	1100 U	530 U	280 U	270 U	260 U	370 U	430 U	210 U	240 U	260 U	390 U	420 U		350 U	240 U	450 U	440 U	460 U	220 U	
2-NITROPHENOL			1100 U	530 U	280 U	530 U	510 U	370 U	430 U	210 U	460 U	500 U	390 U	420 U		670 U	460 U	450 U	440 U	890 U	420 U	
2,4-DIMETHYLPHENOL			1100 U	530 U	280 U	530 U	510 U	370 U	430 U	210 U	460 U	500 U	390 U	420 U		670 U	460 U	450 U	440 U	890 U	420 U	
BIS(2-CHLOROETHOXY)METHANE			1100 U	530 U	280 U	270 U	260 U	370 U	430 U	210 U	240 U	260 U	390 U	420 U		350 U	240 U	450 U	440 U	460 U	220 U	
2,4-DICHLOROPHENOL			1100 U	530 U	280 U	530 U	510 U	370 U	430 U	210 U	460 U	500 U	390 U	420 U		670 U	460 U	450 U	440 U	890 U	420 U	
NAPHTHALENE	174,867,000	340,667,000	1100 U	530 U	280 U	270 U	260 U	370 U	430 U	210 U	240 U	260 U	390 U	420 U		350 U	240 U	450 U	440 U	460 U	220 U	
4-CHLOROANILINE			1100 U	530 U	280 U	530 U	510 U	370 U	430 U	210 U	460 U	500 U	390 U	420 U		670 U	460 U	450 U	440 U	890 U	420 U	
HEXACHLOROBUTADIENE	131,000	306,000	1100 U	600	280 U	110 J	120 J	130 J	5000	760	150 J	100 J	710	170 J		110 J	99 J	69 J	620	460 U	77 J	
CAPROLACTAM			1100 U	530 U	280 U	270 U	260 U	370 U	430 U	210 U	240 U	260 U	390 U	420 U		350 U	240 U	450 U	440 U	460 U	220 U	
4-CHLORO-3-METHYLPHENOL			1100 U	530 U	280 U	530 U	510 U	370 U	430 U	210 U	460 U	500 U	390 U	420 U		670 U	460 U	450 U	440 U	890 U	420 U	
2-METHYLNAPHTHALENE			1100 U	530 U	280 U	270 U	260 U	370 U	430 U	210 U	240 U	260 U	390 U	420 U		350 U	240 U	450 U	440 U	460 U	220 U	
HEXACHLOROCYCLOPENTADIENE			2300 U	1100 U	280 U	270 U	260 U	730 U	860 U	210 U	240 U	260 U	780 U	840 U		350 U	240 U	890 U	880 U	460 U	220 U	
2,4,6-TRICHLOROPHENOL			1100 U	530 U	280 U	530 U	510 U	370 U	430 U	210 U	460 U	500 U	390 U	420 U		670 U	460 U	450 U	440 U	890 U	420 U	
2,4,5-TRICHLOROPHENOL			1100 U	530 U	280 U	530 U	510 U	370 U	430 U	210 U	460 U	500 U	390 U	420 U		670 U	460 U	450 U	440 U	890 U	420 U	
1,1'-BIPHENYL			1100 U	530 U	280 U	270 U	260 U	370 U	430 U	210 U	240 U	260 U	390 U	420 U		350 U	240 U	450 U	440 U	460 U	220 U	
2-CHLORONAPHTHALENE			1100 U	530 U	280 U	270 U	260 U	370 U	430 U	210 U	240 U	260 U	390 U	420 U		350 U	240 U	450 U	440 U	460 U	220 U	
2-NITROANILINE			2300 U	1100 U	540 U	530 U	510 U	730 U	860 U	410 U	460 U	500 U	780 U	840 U		670 U	460 U	890 U	880 U	460 U	220 U	
DIMETHYL PHTHALATE	437,167,000	851,667,000	1100 U	530 U	280 U	270 U	260 U	370 U	430 U	210 U	240 U	260 U	390 U	420 U		350 U	240 U	450 U	440 U	460 U	220 U	
2,6-DINITROTOLUENE			1100 U	530 U	280 U	270 U	260 U	370 U	430 U	210 U	240 U	260 U	390 U	420 U		350 U	240 U	450 U	440 U	460 U	220 U	
ACENAPHTHYLENE	262,300,000	511,000,000	1100 U	530 U	280 U	270 U	260 U	370 U	430 U	210 U	240 U	260 U	390 U	420 U		350 U	240 U	450 U	440 U	460 U	44 J	
3-NITROANILINE			2300 U	1100 U	540 U	530 U	510 U	730 U	860 U	410 U	460 U	500 U	780									

FIELDS BROOK

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT SAMPLES

Compounds	Project Action Limits		FB-SD11	FB-SD11	FB-SD11	FB-SD11	FB-SD11	FB-SD12	FB-SD12	FB-SD12	FB-SD12	FB-SD13	FB-SD13	FB-SD13	FB-SD13	FB-SD14	FB-SD14	FB-SD14	FB-SD14	FB-SD14			
	Residential	Industrial	Aug-04 EU6	Aug-06 EU6	Jun-08 EU6	Sep-10 EU6	Sep-11 EU6	Aug-04 EU6	Aug-06 EU6	Jun-08 EU6	Sep-10 EU6	Sep-11 EU6	Aug-04 EU6	Aug-06 EU6	Jun-08 EU6	Sep-10 EU6	Sep-11 EU6	Aug-04 EU8	Aug-06 EU8	Jun-08 EU8	Sep-10 EU8	Sep-11 EU8	
CHRYSENE	139,730	327,000	130 J	760	490	860	710	370 U	430 U	260	170 J	310	190 J	180 J		2000	560	49 J	660		330 J	410	
DI-N-OCTYL PHTHALATE	87,443,000	170,333,000	1100 U	530 U	280 U	270 U	260 U	370 U	430 U	210 U	240 U	260 U	390 U	420 U		350 U	240 U	450 U	440 U		460 U	220 U	
BENZO(B)FLUORANTHENE	13,970	33,000	1100 U	600	280	820	1000	370 U	430 U	210 U	150 J	420	170 J	140 J		1800	710	450 U	470		320 J	480	
BENZO(K)FLUORANTHENE			1100 U	690	370	830	300	370 U	430 U	170 J	120 J	150 J	170 J	150		1900	320	41 J	590		270 J	200 J	
BENZO(A)PYRENE	CRG	CRG	99 J	590	220 J	690	540	370 U	430 U	130 J	110 J	230 J	160 J	140 J		1600	460	36 J	450		260 J	340	
INDENO(1,2,3-CD)PYRENE	14,000	33,000	91 J	420 J	180 J	650	520	370 U	430 U	210 U	100 J	230 J	140 J	100 J		1200	380	31 J	360 J		230 J	250	
DIBENZO(A,H)ANTHRACENE	1400	3300	1100 U	170 J	280 U	130 J	100 J	370 U	430 U	210 U	240 U	260 J	39 J	420 U		320 J	85 J	450 U	170 J		460 U	59 J	
BENZO(G,H,I)PERYLENE			97 J	380 J	170 J	600	540	370 U	430 U	210 U	100 J	220 J	130 J	110 J		1200	380	31 J	330 J		220 J	250	
<i>units are ug/kg (ppb)</i>		CRG	CRG	110 U	5400 U	790 U	39 U	530 U	690 U	43 U	300 U	33 U	520 U	730 U	420 U	not sampled	49 U	1200 U	840 U	890 U	not sampled	65 U	430 U
AROCLOR-1016			140 U	6800 U	1100 U	55 U	530 U	930 U	55 U	420 U	47 U	520 U	990 U	530 U		69 U	1200 U	1100 U	1100 U	1100 U	92 U	430 U	
AROCLOR-1221			110 U	5400 U	560 U	27 U	530 U	690 U	43 U	210 U	24 U	520 U	730 U	420 U		35 U	1200 U	840 U	890 U	890 U	46 U	430 U	
AROCLOR-1232			72 U	3400 U	560 U	27 U	530 U	470 U	27 U	210 U	24 U	520 U	490 U	270 U		35 U	1200 U	570 U	560 U	560 U	46 U	430 U	
AROCLOR-1242			820	32000	8500	4900 J-High	4400	690	410 P	2200	3000	3000	3500			7800 J-High	13000	4700	5300		480	3400	
AROCLOR-1248			72 U	3400 U	560 U	27 U	530 U	470 U	27 U	210 U	24 U	520 U	490 U	270 U		35 U	1200 U	570 U	560 U	560 U	46 U	430 U	
AROCLOR-1254			69 J	5400 U	560 U	120	530 U	690 U	43 U	210 U	57	520 U	730 U	140 J		280	1200 U	840 U	890 U	890 U		33 J	430 U
<i>units are mg/kg (ppm)</i>																							
SILVER			0.27 U	0.11 J	0.12 J	0.20 J	0.108 J	0.09 U	0.08 U	0.06 U	0.18 J	0.163 J	0.09 U	0.07 U	not sampled	0.21 J	0.151 J	0.11 U	0.08 U	not sampled	0.23 J	0.0725 J	
ALUMINUM			14900 J	8180	10800	8860	7410	6240 J	10500	10100	10400	9130	4350 J	8670		10000	7120	10500 J	10100		11000	10100	
BARIUM			585	156	151	88.4 J	79.5	46	69.7	119	96.4 J	314	47.9 J	118		99.9 J	60.0	92.4 J	270		89.4 J	65.3	
BERYLLIUM	2.4	5.5	0.73 J	0.27 J	0.66 J	0.46 J	0.483 J	0.23 J	0.46 J	0.56 J	0.45 J	0.633 J	0.2 J	0.36 J		0.50 J	0.457 J	0.44 J	0.45 J		0.51 J	0.498 J	
CALCIUM			4580 J	20000	14100	16500	14600	13900 J	1300	14100	5750	10700	111000 J	14200		33600	14500	12600 J	15600		17000	11200	
CADMIUM	2186	4258	1.5 J	0.03 U	0.17 J	0.09 U	0.336 J	0.37 J	0.03 U	0.11 U	0.08 U	0.513 J	1.4 J	0.02 U		0.13 U	0.348 J	0.32 UJ	0.03 U		0.16 U	0.217	
COBALT			10.5	11.1	12.3	7.7	7.65	5.4	7.8	9.4	8.7	12.0	4.6 J	8.3		8.2	7.09	8.2 J	10.6		8.6	9.01	
CHROMIUM	21858 (IV),	42,583 (IV),	28.7	38.4	30.7	22.8	18.9	10.5	14.8	19.5	17.2	27.7	12.7 J	18.2		28.5	23.9	14.6 J	21.1		20.3	17.5	
COPPER	161,752	315,117	39.4	29.1	30.6	29.8	24.7	20.7	11.4	25.8	23.4	25.3	27.3 J	29.3		36.7	29.3	30.2 J	23.5		32.2	22.8	
IRON			25300	20800	24900	22800	19100	17000	19200	25300	25800	21100	15900 J	19800		26700	18800	22600 J	23400		26900	22700	
POTASSIUM			1640 J	1050	1340	1160	1050	533 J	1070	1110	1630	1130	623	948		1380	905	1160	1400		1990	1240	
MAGNESIUM			3310 J	9140	6680	5580	4830	3060 J	3240	5300	5290	3840	3730 J	5050		5510	3910	5230 J	6540		5520	5090	
MANGANESE			449 J	744	728	523	514	366 J	147	617	453	1080	633 J	598		749	619	538 J	427		1340	422	
SODIUM			413	168 J	280 U	247 J	215 J	83.4 J	110 J	220 U	249 J	259 J	163 J	121 J		316 J	211 J	149 J	156 J		436 J	206 J	
NICKEL	87,433	170,333	27.9 J	51.8	30.3	25.0	20.1	16.7 J	19.5	26.7	27.1	28.5	31 J	21.9		27.4	18.5	22.5 J	28		28.7	23.3	
THALLIUM	262	511	0.96 U	1.3 J	0.59 UJ	0.69 J	1.47 J	0.57 J	0.91 J	0.45 UJ	1.3 J	1.40 J	1.2 J	0.96 J		0.36 U	1.25 J	1.3 J	0.96 J		0.46 U	1.38 J	
VANADIUM			36.2	60.3	45.7	33.3	27.7																

FIELDS BROOK

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT SAMPLES

Compounds	Project Action Limits		FB-SD15	FB-SD15	FB-SD15	FB-SD15	FB-SD15	FB-SD16	FB-SD16	FB-SD16	FB-SD16	Dup of FB-SD16	FB-SD17	FB-SD17	FB-SD17	FB-SD17		
	Residential	Industrial	Aug-04 EU8	Aug-06 EU8	Jun-08 EU8	Sep-10 EU8	Sep-11 EU8	Aug-04 EU8	Aug-06 EU8	Jun-08 EU8	Sep-10 EU8	Sep-11 EU8	Aug-04 EU8	Aug-06 EU8	Jun-08 EU8	Sep-10 EU8	Sep-11 EU8	
(units are in ug/kg)																		
DICHLORODIFLUOROMETHANE			6.8 U	6.3 U	not sampled	9.1 U	7.21 U	8.9 U	7.7 U	not sampled	15 U	6.99 U	6.81 U	6.4 U	6.5 U	not sampled	7.6 U	5.74 U
CHLOROMETHANE			6.8 U	6.3 U		9.1 U	7.21 U	8.9 U	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
VINYL CHLORIDE	CRG	CRG	6.8 U	1.2 J		9.1 U	7.21 U	8.1 J	7.7 U		14 J	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
BROMOMETHANE			6.8 U	6.3 U		9.1 U	7.21 U	8.9 U	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
CHLOROETHANE			6.8 U	6.3 U		9.1 U	7.21 U	8.9 U	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
TRICHLOROFUOROMETHANE			6.8 U	6.3 U		9.1 U	7.21 U	8.9 U	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
1,1-DICHLOROETHENE	17,000	40,000	6.8 U	6.3 U		9.1 U	7.21 U	8.9 U	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
CARBON DISULFIDE			6.8 U	6.3 U		9.1 U	7.21 U	12	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE			6.8 U	6.3 U		9.1 U	7.21 U	8.9 U	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
ACETONE			17 U	53		23 U	18.0 U	130	60		38 U	17.5 U	17.0 U	16 U	5.5 J		19 U	14.3 U
METHYLENE CHLORIDE			1.3 J	6.3 U		9.1 U	7.21 U	8.9 U	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	1.15 J
TRANS-1,2-DICHLOROETHENE	87,433	170,333	6.8 U	6.3 U		9.1 U	7.21 U	1.4 J	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
METHYL-T-BUTYL ETHER			6.8 U	6.3 U		9.1 U	7.21 U	8.9 U	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
1,1-DICHLOROETHANE			6.8 U	6.3 U		9.1 U	7.21 U	8.9 U	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
CIS-1,2-DICHLOROETHENE			0.9 J	0.82 J		9.1 U	7.21 U	6.0 J	7.7 U		20	6.99 U	6.81 U	6.4 U	6.5 U		2.6 J	3.48 J
2-BUTANONE			17 U	16 U		23 U	18.0 U	92	19 U		38 U	17.5 U	17.0 U	16 U	16 U		19 U	14.3 U
CHLOROFORM	1,672,000	3,909,000	6.8 U	6.3 U		9.1 U	7.21 U	8.9 U	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
1,1,1-TRICHLOROETHANE	393,451,000	766,500,000	6.8 U	6.3 U		9.1 U	7.21 U	8.9 U	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
CARBON TETRACHLORIDE			6.8 U	6.3 U		9.1 U	7.21 U	8.9 U	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
BENZENE	352,000	822,000	6.8 U	6.3 U		9.1 U	7.21 U	1.5 J	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
1,2-DICHLOROETHANE			6.8 U	6.3 U		9.1 U	7.21 U	8.9 U	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
TRICHLOROETHENE	CRG	CRG	2.7 J	0.91 J		9.1 U	7.21 U	5.5 J	7.7 U		15 U	6.99 U	6.81 U	0.31 J	6.5 U		7.6 U	2.88 J
1,2-DICHLOROPROPANE			6.8 U	6.3 U		9.1 U	7.21 U	8.9 U	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
BROMODICHLOROMETHANE			6.8 U	6.3 U		9.1 U	7.21 U	8.9 U	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
CIS-1,3-DICHLOROPROPENE			6.8 U	6.3 U		9.1 U	7.21 U	8.9 U	7.7 U		15 U	17.5 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
4-METHYL-2-PENTANONE			17 U	16 U		23 U	18.0 U	22 U	19 U		38 U	6.99 U	17.0 U	16 U	16 U		19 U	14.3 U
TOLUENE	874,335,000	1,000,000,000	6.8 U	6.3 U		9.1 U	7.21 U	17	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
TRANS-1,3-DICHLOROPROPENE			6.8 U	6.3 U		9.1 U	7.21 U	8.9 U	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
1,1,2-TRICHLOROETHANE	179,000	418,000	6.8 U	6.3 U		9.1 U	7.21 U	8.9 U	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
TETRACHLOROETHENE	CRG	CRG	6.3 J	4.4 J		9.1 U	7.21 U	1.4 J	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
2-HEXANONE			17 U	16 U		23 U	18.0 U	22 U	19 U		38 U	17.5 U	17.0 U	16 U	16 U		19 U	14.3 U
DBROMOCHLOROMETHANE			6.8 U	6.3 U		9.1 U	7.21 U	8.9 U	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
1,2-DIBROMOETHANE			6.8 U	6.3 U		9.1 U	7.21 U	8.9 U	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
CHLOROBENZENE	87,433,000	170,333,000	1.6 J	19		9.1 U	7.21 U	24	22		15 U	6.99 U	6.81 U	6.4 U	3.0 J		7.6 U	5.74 U
ETHYLBENZENE	437,167,000	851,667,000	6.8 U	6.3 U		9.1 U	7.21 U	8.9 U	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
STYRENE			6.8 U	6.3 U		9.1 U	7.21 U	8.9 U	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
BROMOFORM			6.8 U	6.3 U		9.1 U	7.21 U	8.9 U	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
ISOPROPYLBENZENE			6.8 U	6.3 U		9.1 U	7.21 U	8.9 U	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
1,1,2,2-TETRACHLOROETHANE	CRG	CRG	6.8 U	6.3 U		9.1 U	7.21 U	8.9 U	7.7 U		15 U	6.99 U	6.81 U	6.4 U	6.5 U		7.6 U	5.74 U
1,3-DICHLOROBENZENE			6.8 U	9.8		9.1 U	7.21 U	24	4.3 J		15 U	6.99 U	6.81 U	6.4 U	2.3 J		7.6 U	5.74 U
1,4-DICHLOROBENZENE																		

FIELDS BROOK

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT SAMPLES

Compounds	Project Action Limits		FB-SD15	FB-SD15	FB-SD15	FB-SD15	FB-SD15	FB-SD16	FB-SD16	FB-SD16	FB-SD16	Dup of FB-SD16	FB-SD17	FB-SD17	FB-SD17	FB-SD17		
	Residential	Industrial	Aug-04 EU8	Aug-06 EU8	Jun-08 EU8	Sep-10 EU8	Sep-11 EU8	Aug-04 EU8	Aug-06 EU8	Jun-08 EU8	Sep-10 EU8	Sep-11 EU8	Aug-04 EU8	Aug-06 EU8	Jun-08 EU8	Sep-10 EU8	Sep-11 EU8	
(units are in ug/kg)																		
BENZALDEHYDE			450 U	420 U	not sampled	310 U	250 U	590 U	510 U	not sampled	520 U	240 U	230 U	420 U	430 U	not sampled	260 U	200 U
PHENOLS	1,000,000,000	1,000,000,000	450 U	420 U	600 U	480 U	590 U	510 U	510 U	1000 U	460 U	450 U	420 U	430 U	430 U	500 U	380 U	
BIS(2-CHLOROETHYL)ETHER			450 U	420 U	310 U	250 U	590 U	510 U	510 U	520 U	240 U	230 U	420 U	430 U	430 U	260 U	200 U	
2-CHLOROPHENOL	21,858,000	42,583,000	450 U	420 U	600 U	480 U	590 U	510 U	510 U	1000 U	460 U	450 U	420 U	430 U	430 U	500 U	380 U	
2-METHYLPHENOL			450 U	420 U	600 U	480 U	590 U	510 U	510 U	1000 U	460 U	450 U	420 U	430 U	430 U	500 U	200 U	
2,2'-OXYBIS(1-CHLOROPROPANE)			450 U	420 U	310 U	250 U	590 U	510 U	510 U	520 U	240 U	230 U	420 U	430 U	430 U	260 U	200 U	
ACETOPHENONE			450 U	420 U	310 U	250 U	590 U	510 U	510 U	520 U	240 U	230 U	420 U	430 U	430 U	260 U	200 U	
4-METHYLPHENOL			450 U	420 U	130 J	95 J	590 U	510 U	510 U	400 J	460 U	450 U	420 U	430 U	430 U	500 U	380 U	
N-NITROSO-DI-N-PROPYLAMINE			450 U	420 U	310 U	250 U	590 U	510 U	510 U	520 U	240 U	230 U	420 U	430 U	430 U	260 U	200 U	
HEXACHLOROETHANE	729,000	1,703,000	450 U	420 U	310 U	250 U	590 U	510 U	510 U	520 U	240 U	230 U	420 U	430 U	430 U	260 U	200 U	
NITROBENZENE	2,186,000	4,258,000	450 U	420 U	310 U	250 U	590 U	510 U	510 U	520 U	240 U	230 U	420 U	430 U	430 U	260 U	200 U	
ISOPHORONE	10,737,000	25,102,000	450 U	420 U	310 U	250 U	590 U	510 U	510 U	520 U	240 U	230 U	420 U	430 U	430 U	260 U	200 U	
2-NITROPHENOL			450 U	420 U	600 U	480 U	590 U	510 U	510 U	1000 U	460 U	450 U	420 U	430 U	430 U	500 U	380 U	
2,4-DIMETHYLPHENOL			450 U	420 U	600 U	480 U	590 U	510 U	510 U	1000 U	460 U	450 U	420 U	430 U	430 U	500 U	380 U	
BIS(2-CHLOROETHOXY)METHANE			450 U	420 U	310 U	250 U	590 U	510 U	510 U	520 U	240 U	230 U	420 U	430 U	430 U	260 U	200 U	
2,4-DICHLOROPHENOL			450 U	420 U	600 U	480 U	590 U	510 U	510 U	1000 U	460 U	450 U	420 U	430 U	430 U	500 U	380 U	
NAPHTHALENE	174,867,000	340,667,000	83 J	420 U	310 U	250 U	590 U	510 U	510 U	520 U	240 U	230 U	420 U	430 U	430 U	260 U	200 U	
4-CHLOROANILINE			450 U	420 U	600 U	480 U	590 U	510 U	510 U	1000 U	460 U	450 U	420 U	430 U	430 U	500 U	380 U	
HEXACHLOROBUTADIENE	131,000	306,000	460	260 J	310 U	250 U	280 J	140 J	520 U	240 U	230 U	420 U	430 U	430 U	260 U	200 U		
CAPROLACTAM			450 U	420 U	310 U	250 U	590 U	510 U	510 U	520 U	240 U	230 U	420 U	430 U	430 U	260 U	200 U	
4-CHLORO-3-METHYLPHENOL			450 U	420 U	600 U	480 U	590 U	510 U	510 U	1000 U	460 U	450 U	420 U	430 U	430 U	500 U	380 U	
2-METHYLNAPHTHALENE			75 J	420 U	310 U	250 U	49 J	510 U	520 U	240 U	230 U	420 U	430 U	430 U	260 U	200 U		
HEXACHLOROCYCLOPENTADIENE			900 U	840 U	310 U	250 U	1200 U	1000 U	520 U	240 U	230 U	850 U	860 U	860 U	260 U	200 U		
2,4,6-TRICHLOROPHENOL			450 U	420 U	600 U	480 U	590 U	510 U	510 U	1000 U	460 U	450 U	420 U	430 U	430 U	500 U	380 U	
2,4,5-TRICHLOROPHENOL			450 U	420 U	600 U	480 U	590 U	510 U	510 U	1000 U	460 U	450 U	420 U	430 U	430 U	500 U	380 U	
1,1'-BIPHENYL			180 J	420 U	310 U	250 U	79 J	510 U	520 U	240 U	230 U	420 U	430 U	430 U	260 U	200 U		
2-CHLORONAPHTHALENE			450 U	420 U	310 U	250 U	590 U	510 U	510 U	520 U	240 U	230 U	420 U	430 U	430 U	260 U	200 U	
2-NITROANILINE			900 U	840 U	600 U	480 U	1200 U	1000 U	1000 U	1000 U	460 U	450 U	850 U	860 U	860 U	500 U	380 U	
DIMETHYL PHTHALATE	437,167,000	851,667,000	150 J	420 U	310 U	250 U	56 J	510 U	520 U	240 U	230 U	420 U	430 U	430 U	260 U	200 U		
2,6-DINITROTOLUENE			450 U	420 U	310 U	250 U	590 U	510 U	510 U	520 U	240 U	230 U	420 U	430 U	430 U	260 U	200 U	
ACENAPHTHYLENE	262,300,000	511,000,000	40 J	420 U	310 U	250 U	590 U	510 U	510 U	520 U	240 U	230 U	420 U	430 U	430 U	260 U	200 U	
3-NITROANILINE			900 U	840 U	600 U	480 U	1200 U	1000 U	1000 U	1000 U	460 U	450 U	850 U	860 U	860 U	500 U	380 U	
ACENAPHTHENE			450 U	420 U	310 U	250 U	590 U	510 U	510 U	520 U	240 U	230 U	420 U	430 U	430 U	260 U	200 U	
2,4-DINITROPHENOL			900 U	840 U	600 U	480 U	1200 U	1000 U	1000 U	1000 U	460 U	450 U	850 U	860 U	860 U	500 U	380 U	
4-NITROPHENOL			900 U	840 U	600 U	480 U	1200 U	1000 U	1000 U	1000 U	460 U	450 U	850 U	860 U	860 U	500 U	380 U	
2,4-DINITROTOLUENE			450 U	420 U	310 U	250 U	590 U	510 U	510 U	520 U	240 U	230 U	420 U	430 U	430 U	260 U	200 U	
DIBENZOFURAN			35 J	420 U	310 U	250 U	590 U	510 U	510 U	520 U	240 U	230 U	420 U	430 U	430 U	260 U	200 U	
DIETHYL PHTHALATE	1,000,000,000	1,000,000,000	56 J	420 U	310 U	250 U	590 U	510 U	510 U	520 U	240 U	230 U	420 U	430 U	430 U	260 U	200 U	
4-CHLOROPHENYL PHENYL ETHER			450 U	420 U	310 U	250 U	590 U	510 U	510 U	520 U	240 U	230 U	420 U	430 U	430 U	260 U	200 U	
FLUORENE	174,867,000																	

FIELDS BROOK

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT SAMPLES

Compounds	Project Action Limits		FB-SD15	FB-SD15	FB-SD15	FB-SD15	FB-SD15	FB-SD16	FB-SD16	FB-SD16	FB-SD16	Dup of FB-SD16	FB-SD17	FB-SD17	FB-SD17	FB-SD17			
	Residential	Industrial	Aug-04 EU8	Aug-06 EU8	Jun-08 EU8	Sep-10 EU8	Sep-11 EU8	Aug-04 EU8	Aug-06 EU8	Jun-08 EU8	Sep-10 EU8	Sep-11 EU8	Aug-04 EU8	Aug-06 EU8	Jun-08 EU8	Sep-10 EU8			
CHRYSENE	139,730	327,000	210 J	240 J		230 J	120 J	320 J	110 J		230 J	140 J	100 J	420 U	430 U		81 J	39 J	
DI-N-OCTYL PHTHALATE	87,443,000	170,333,000	450 U	420 U		310 U	250 U	590 U	510 U		520 U	240 U	230 U	420 U	430 U		260 U	200 U	
BENZO(B)FLUORANTHENE	13,970	33,000	180 J	180 J		240 J	150 J	250 J	82 J		220 J	190 J	140 J	420 U	430 U		70 J	48 J	
BENZO(K)FLUORANTHENE			150 J	240 J		210 J	64 J	270 J	510 U		190 J	60 J	44 J	420 U	430 U		70 J	200 U	
BENZO(A)PYRENE	CRG	CRG	150 J	220 J		210 J	98 J	230 J	510 U		190 J	110 J	81 J	420 U	430 U		60 J	200 U	
INDENO(1,2,3-CD)PYRENE	14,000	33,000	120 J	150 J		150 J	91 J	190 J	510 U		160 J	110 J	74 J	420 U	430 U		55 J	200 U	
DIBENZO(A,H)ANTHRACENE	1400	3300	32 J	420 U		310 U	250 U	37 J	510 U		520 U	240 U	230 U	420 U	430 U		260 U	200 U	
BENZO(G,H,I)PERYLENE			120 J	120 J		150 J	80 J	180 J	510 U		150 J	98 J	68 J	420 U	430 U		53 J	200 U	
<i>units are ug/kg (ppb)</i>		CRG	CRG	4200 U	21000 U	not sampled	44 U	250 U	11000 U	10000 U	not sampled	73 U	48 U	46 U	79 U	220 U	not sampled	36 U	98 U
AROCLOR-1016			5800 U	27000 U		62 U	250 U	15000 U	13000 U		10000 U	48 U	46 U	110 U	270 U		52 U	98 U	
AROCLOR-1221			4200 U	21000 U		31 U	250 U	11000 U	10000 U		52 U	48 U	46 U	79 U	220 U		26 U	98 U	
AROCLOR-1232			2900 U	13000 U		31 U	250 U	7500 U	6500 U		52 U	48 U	46 U	54 U	140 U		26 U	98 U	
AROCLOR-1242			40000	130000		320	3600	100000	92000		460	480	540	440	650		1300 D	1100	
AROCLOR-1248			2900 U	13000 U		31 U	250 U	7500 U	6500 U		52 U	48 U	46 U	54 U	140 U		26 U	98 U	
AROCLOR-1254			930	21000 U		21 J	250 U	2500 J	3800 J		52 U	48 U	46 U	79 U	220 U		38	98 U	
<i>units are mg/kg (ppm)</i>																			
SILVER			1.1	0.13 J	not sampled	0.25 J	0.086 U	1.0	0.14 J	not sampled	0.11 U	0.699 U	0.0768 J	0.10 U	0.08 U	not sampled	0.05 U	0.574 U	
ALUMINUM			9370 J	8430		7810	7750	8290 J	8390		12500	6090	5890	7680 J	8950		7210	5100	
BARIUM			100 J	69.7		89.6 J	53.3	85.8 J	73.9		75.7 J	54.3	52.5	37.4 J	56.8		50.8 J	30.0	
BERYLLIUM	2.4	5.5	0.16 J	0.28 J		0.37 J	0.395 J	0.02 U	0.21 J		0.62 J	0.427 J	0.41 J	0.36 J	0.43 J		0.25 J	0.244 J	
CALCIUM			7370 J	4300		13800	13200	8450 J	6760		12200	17300	20800	1180 J	1470		48100	79600	
CADMIUM	2186	4258	5 UJ	0.02 U		0.11 U	0.265 J	5 UJ	0.03 U		0.19 U	0.194 J	0.192 J	5 UJ	0.03 U		0.09 U	0.179 J	
COBALT			8.5 J	9.5		6.8	7.34	9.2 J	8.9		9.1	6.24	6.23	7.7 J	8.8		4.7	4.20	
CHROMIUM	21858 (IV),	42,583 (IV),	110 J	39.6		14.7	12.0	98.6 J	38.8		25.2	11.1	10.9	20 J	13.4		11.3	7.86	
COPPER	161,752	315,117	28.4 J	19.9		19.9	31.3	23.7 J	21.3		54.9	20.3	29.9	13.1 J	18.4		17.1	15.3	
IRON			24200 J	22700		19500	16900	22000 J	18200		33300	14500	14900	17200 J	16100		17000	12400	
POTASSIUM			882	891		1350	1080	882	975		2330	838	811	712	989		915	674	
MAGNESIUM			2870 J	3200		3620	4000	3000 J	2880		6760	2870	2950	2080 J	2940		3570	3290	
MANGANESE			728 J	398		2080	564	918 J	589		572	746	692	214 J	249		464	402	
SODIUM			197 J	119 J		321 J	196 J	242 J	154 J		587 J	227 J	193 J	139 J	117 J		294 J	139 J	
NICKEL	87,433	170,333	25.6 J	22.2		20.4	18.6	22.5 J	19.6		35.3	15.6	15.9	15.4 J	18.9		17.3	12.9	
THALLIUM	262	511	2.6	1.2		0.32 U	4.33 U	1.9	0.97 J		1.6 J	0.984 J	4.09 U	0.75 J	0.59 J		0.25 U	0.798 J	
VANADIUM			137 J	49.3		24.1	18.2	105 J	39.4		29.4	20.5	19.8	25.7 J	14.7		17.3	11.6	
ZINC	847,335	1,000,000	111 J	80.0		88	63.4	102 J	65.7		172	69.1	67.2	76.3 J	57.3		62.1	44.9	
LEAD	500	500	20.6 J	15.6		11.3	10.8	15.8 J	11.7		20.7	9.07	8.88	12.1 J	11.1		9.2	6.43	
SELENIUM	21,858	42,583	R	0.87		2.6	1.44 U	R	0.29 J		2.9	1.40 U	1.36 U	R	0.52 J		1.5	1.15 U	
ANTIMONY	1749	3407	10 UJ	0.56 J		1.6 J	1.68 J	10 UJ	0.44 J		2.3 J	1.37 J	1.49 J	10 UJ	0.33 J		1.1 J	1.24 J	
ARSENIC	CRG	CRG	12.4 J	8.9		8.2	7.08	8.8 J	6.4		10.3	6.72	7.14	5.0 J	2.5		7.8	5.83	
MERCURY	1312	2555	4.1 J	2.1		0.85	0.611	5.3 J	1.9		0.37	1.8	2.12	0.45 J	0.15		0.28	0.551	
<i>(pCi/g)</i>		5 pCi/g	10 pCi/g	1.54	1.89	not sampled	1.51	0.856	3.34	1.26	not sampled	1.29	0.773	0.766	1.79	0.95	not sampled	0.645 J	0.655
Radium-226			1.15	1.84		1.43	0.695	1.36	1.00		1.30	0.572	0.619	1.89	1.44		0.435 J	0.373	

U = Analyte was analyzed for but not detected above the level of the reported sample quant

J = The result is an estimated quantity. The numerical value is the approximate concentration

J + = The result is an estimated quantity, but the result may be biased high.

FIELDS BROOK

TABLE 2 - SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT SAMPLES

Compounds	Project Action Limits		FB-SD18	FB-SD18	FB-SD18	FB-SD18	FB-SD18	FB-SD19	FB-SD19	FB-SD19	FB-SD20	FB-SD20	FB-SD20	FB-SD20	FB-SD20		
	Residential	Industrial	Aug-04	Aug-06	Jun-08	Sep-10	EU8	Aug-04	Aug-06	Jun-08	Sep-10	Sep-11	Aug-04	Aug-06	Jun-08	Sep-10	Sep-11
(units are in ug/kg)																	
DICHLORODIFLUOROMETHANE			9.4 U	6.3 U	not sampled	6.0 U	11.7 U	6.7 U	6.4 U	not sampled	6.5 U	6.38 U	6.6 U	7.1 U	not sampled	7.0 U	7.81 U
CHLOROMETHANE			9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	6.4 U		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
VINYL CHLORIDE	CRG	CRG	9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	510		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
BROMOMETHANE			9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	6.4 U		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
CHLOROETHANE			9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	6.4 U		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
TRICHLOROFLUOROMETHANE			9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	6.4 U		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
1,1-DICHLOROETHENE	17,000	40,000	9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	14		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
CARBON DISULFIDE			9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	2.2 J		6.5 U	6.38 U	6.6 U	1.7 J		7.0 U	7.81 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE			9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	6.4 U		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
ACETONE			51	69		15 U	89.3	17 U	20		16 U	15.9 U	16 U	18 U		18.0 U	19.5 U
METHYLENE CHLORIDE			9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	6.4 U		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
TRANS-1,2-DICHLOROETHENE	87,433	170,333	9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	18		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
METHYL-T-BUTYL ETHER			9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	6.4 U		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
1,1-DICHLOROETHANE			9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	6.4 U		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
CIS-1,2-DICHLOROETHENE			9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	3400		6.5 U	15.9 U	6.6 U	2.0 J		7.0 U	7.81 U
2-BUTANONE			11 J	17		15 U	29.1 U	17 U	16 U		16 U	6.38 U	16 U	18 U		18.0 U	19.5 U
CHLOROFORM	1,672,000	3,909,000	9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	6.4 U		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
1,1,1-TRICHLOROETHANE	393,451,000	766,500,000	9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	6.4 U		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
CARBON TETRACHLORIDE			9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	6.4 U		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
BENZENE	352,000	822,000	6.1 J	6.3 U		6.0 U	11.7 U	6.7 U	6.4 U		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
1,2-DICHLOROETHANE			9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	0.66 J		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
TRICHLOROETHENE	CRG	CRG	9.4 U	6.3 U		4.3 J	11.7 U	6.7 U	32		6.5 U	6.38 U	1.0 J	7.1 U		7.0 U	7.81 U
1,2-DICHLOROPROPANE			9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	6.4 U		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
BROMODICHLOROMETHANE			9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	6.4 U		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
CIS-1,3-DICHLOROPROPENE			9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	6.4 U		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
4-METHYL-2-PENTANONE			24 U	16 U		15 U	29.1 U	17 U	16 U		16 U	6.38 U	16 U	18 U		18.0 U	19.5 U
TOLUENE	874,335,000	1,000,000,000	4.3 J	6.3 U		6.0 U	11.7 U	13	6.4 U		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
TRANS-1,3-DICHLOROPROPENE			9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	6.4 U		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
1,1,2-TRICHLOROETHANE	179,000	418,000	9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	6.4 U		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
TETRACHLOROETHENE	CRG	CRG	9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	230		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
2-HEXANONE			24 U	16 U		15 U	29.1 U	17 U	16 U		16 U	15.9 U	16 U	18 U		18.0 U	19.5 U
DIBROMOCHLOROMETHANE			9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	6.4 U		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
1,2-DIBROMOETHANE			9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	6.4 U		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
CHLOROBENZENE	87,433,000	170,333,000	36	2.3 J		6.0 U	11.7 U	6.7 U	97		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
ETHYLBENZENE	437,167,000	851,667,000	9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	6.4 U		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
STYRENE			9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	6.4 U		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
BROMOFORM			9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	6.4 U		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
ISOPROPYLBENZENE			9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	6.4 U		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
1,1,2,2-TETRACHLOROETHANE	CRG	CRG	9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	6.3 J		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
1,3-DICHLOROBENZENE			9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	6.4 U		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
1,4-DICHLOROBENZENE			9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	7.5		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
1,2-DICHLOROBENZENE			9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	7.5		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
1,2-DIBROMO-3-CHLOROPROPANE			9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	6.4 U		6.5 U	6.38 U	6.6 U	7.1 U		7.0 U	7.81 U
1,2,4-TRICHLOROBENZENE			9.4 U	6.3 U		6.0 U	11.7 U	6.7 U	2.8 J								

FIELDS BROOK
TABLE 2 - SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT SAMPLES

Compounds	Project Action Limits		FB-SD18	FB-SD18	FB-SD18	FB-SD18	FB-SD18	FB-SD19	FB-SD19	FB-SD19	FB-SD19	FB-SD20	FB-SD20	FB-SD20	FB-SD20	
	Residential	Industrial	Aug-04	Aug-06	Jun-08	Sep-10	EU8	Aug-04	Aug-06	Jun-08	Sep-10	Sep-11	Aug-04	Aug-06	Jun-08	Sep-10
(units are in ug/kg)																
BENZALDEHYDE			620 U	420 U	not sampled	200 U	440 U	420 U	not sampled	220 U	220 U	430 U	470 U	not sampled	240 U	270 U
PHENOLS	1,000,000,000	1,000,000,000	620 U	420 U		390 U	770 U	440 U	420 U	430 U	420 U	430 U	470 U	460 U	520 U	
BIS(2-CHLOROETHYL)ETHER			620 U	420 U		200 U	400 U	440 U	420 U	220 U	220 U	430 U	470 U	240 U	270 U	
2-CHLOROPHENOL	21,858,000	42,583,000	620 U	420 U		390 U	770 U	440 U	420 U	430 U	420 U	430 U	470 U	460 U	520 U	
2-METHYLPHENOL			620 U	420 U		390 U	770 U	440 U	420 U	430 U	420 U	430 U	470 U	460 U	520 U	
2,2'-OXYBIS(1-CHLOROPROPANE)			620 U	420 U		200 U	400 U	440 U	420 U	220 U	220 U	430 U	470 U	240 U	270 U	
ACETOPHENONE			620 U	420 U		200 U	400 U	440 U	420 U	220 U	220 U	430 U	470 U	240 U	270	
4-METHYLPHENOL			620 U	420 U		390 U	1200	420 U	430 U	420 U	430 U	430 U	470 U	460 U	520 U	
N-NITROSO-DI-N-PROPYLAMINE			620 U	420 U		200 U	440 U	420 U		220 U	220 U	430 U	470 U	240 U	270 U	
HEXACHLOROETHANE	729,000	1,703,000	620 U	420 U		200 U	400 U	440 U	420 U	220 U	220 U	430 U	470 U	240 U	270 U	
NITROBENZENE	2,186,000	4,258,000	620 U	420 U		200 U	400 U	440 U	420 U	220 U	220 U	430 U	470 U	240 U	270 U	
ISOPHORONE	10,737,000	25,102,000	620 U	420 U		200 U	400 U	440 U	420 U	220 U	220 U	430 U	470 U	240 U	270 U	
2-NITROPHENOL			620 U	420 U		390 U	770 U	440 U	420 U	430 U	420 U	430 U	470 U	460 U	520 U	
2,4-DIMETHYLPHENOL			620 U	420 U		390 U	770 U	440 U	420 U	430 U	420 U	430 U	470 U	460 U	520 U	
BIS(2-CHLOROETHOXY)METHANE			620 U	420 U		200 U	400 U	440 U	420 U	220 U	220 U	430 U	470 U	240 U	270 U	
2,4-DICHLOROPHENOL			620 U	420 U		390 U	770 U	440 U	420 U	430 U	420 U	430 U	470 U	460 U	520 U	
NAPHTHALENE	174,867,000	340,667,000	620 U	420 U		200 U	770 U	440 U	420 U	220 U	220 U	430 U	470 U	240 U	270 U	
4-CHLOROANILINE			620 U	420 U		390 U	400 U	440 U	420 U	430 U	420 U	430 U	470 U	460 U	520 U	
HEXACHLOROBUTADIENE	131,000	306,000	620 U	420 U		200 U	400 U	440 U	1100	220 U	220 U	430 U	470 U	240 U	270 U	
CAPROLACTAM			620 U	420 U		200 U	400 U	440 U	420 U	220 U	220 U	430 U	470 U	240 U	270 U	
4-CHLORO-3-METHYLPHENOL			620 U	420 U		390 U	770 U	440 U	420 U	430 U	420 U	430 U	470 U	460 U	520 U	
2-METHYLNAPHTHALENE			620 U	420 U		200 U	66 J	440 U	420 U	220 U	220 U	430 U	470 U	240 U	270 U	
HEXACHLOROCYCLOPENTADIENE			1200 U	840 U		200 U	400 U	880 U	850 U	220 U	220 U	870 U	940 U	240 U	270 U	
2,4,6-TRICHLOROPHENOL			620 U	420 U		390 U	770 U	440 U	420 U	430 U	420 U	430 U	470 U	460 U	520 U	
2,4,5-TRICHLOROPHENOL			620 U	420 U		390 U	770 U	440 U	420 U	430 U	420 U	430 U	470 U	460 U	520 U	
1,1'-BIPHENYL			90 J	420 U		200 U	71 J	440 U	1800	220 U	220 U	430 U	470 U	240 U	270 U	
2-CHLORONAPHTHALENE			620 U	420 U		200 U	400 U	440 U	420 U	220 U	220 U	430 U	470 U	240 U	270 U	
2-NITROANILINE			1200 U	840 U		390 U	770 U	880 U	850 U	430 U	420 U	870 U	940 U	460 U	520 U	
DIMETHYL PHTHALATE	437,167,000	851,667,000	620 U	420 U		200 U	110 J	440 U	420 U	220 U	220 U	430 U	470 U	240 U	270 U	
2,6-DINITROTOLUENE			620 U	420 U		200 U	400 U	440 U	420 U	220 U	220 U	430 U	470 U	240 U	270 U	
ACENAPHTHYLENE	262,300,000	511,000,000	35 J	420 U		200 U	400 U	440 U	420 U	220 U	220 U	430 U	470 U	240 U	34 J	
3-NITROANILINE			1200 U	840 U		390 U	770 U	880 U	850 U	430 U	420 U	870 U	940 U	460 U	520 U	
ACENAPHTHENE			620 U	420 U		200 U	73 J	440 U	420 U	220 U	220 U	430 U	470 U	240 U	270 U	
2,4-DINITROPHENOL			1200 U	840 U		390 U	770 U	880 U	850 U	430 U	420 U	870 U	940 U	460 U	520 U	
4-NITROPHENOL			1200 U	840 U		390 U	770 U	880 U	850 U	430 U	420 U	870 U	940 U	460 U	520 U	
2,4-DINITROTOLUENE			620 U	420 U		200 U	400 U	440 U	420 U	220 U	220 U	430 U	470 U	240 U	270 U	
DIBENZOFURAN			620 U	420 U		200 U	61 J	440 U	420 U	220 U	220 U	430 U	470 U	240 U	270 U	
DIETHYL PHTHALATE	1,000,000,000	1,000,000,000	620 U	420 U		200 U	400 U	440 U	420 U	220 U	220 U	430 U	470 U	240 U	270 U	
4-CHLOROPHENYL PHENYL ETHER			620 U	420 U		200 U	400 U	440 U	420 U	220 U	220 U	430 U	470 U	240 U	270 U	
FLUORENE	174,867,000	340,667,000	64 J	420 U		200 U	120 J	440 U	420 U	220 U	220 U	430 U	470 U	240 U	43 J	
4-NITROANILINE			1200 U	840 U		390 U	770 U	880 U	850 U	430 U	420 U	870 U	940 U	460 U	520 U	
4,6-DINITRO-2-METHYLPHENOL			1200 U	840 U		390 U	770 U	880 U	850 U	430 U	420 U	870 U	940 U	460 U	520 U	
N-NITROSODIPHENYLAMINE(1)	2,081,750	4,867,000	620 U	420 U		200 U	400 U	440 U	420 U	220 U	220 U	430 U	470 U	240 U	270 U	
4-BROMOPHENYL PHENYL ETHER			620 U	420 U		200 U	400 U	440 U	420 U	220 U	220 U	430 U	470 U	240 U	270 U	
HEXACHLOROBENZENE		CRG	100 J	420 U		200 U	400 U	160 J	850	220 U	220 U	430 U	470 U	240 U	270 U	
ATRAZINE	</															

FIELDS BROOK
TABLE 2 - SUMMARY OF ANALYTICAL RESULTS FOR SEDIMENT SAMPLES

Compounds	Project Action Limits		FB-SD18	FB-SD18	FB-SD18	FB-SD18	FB-SD18	FB-SD19	FB-SD19	FB-SD19	FB-SD19	FB-SD20	FB-SD20	FB-SD20	FB-SD20			
	Residential	Industrial	Aug-04 EU8	Aug-06 EU8	Jun-08 EU8	Sep-10 EU8	Sep-11 EU8	Aug-04 EU8	Aug-06 EU8	Jun-08 EU8	Sep-10 EU8	Sep-11 EU8	Aug-04 EU8	Aug-06 EU8	Jun-08 EU8	Sep-10 EU8	Sep-11 EU8	
CHRYSENE	139,730	327,000	480 J	420 U		200 U	900	440 U	420 U		79 J	50 J	430 U	470 U		81 J	450	
DI-N-OCTYL PHTHALATE	87,443,000	170,333,000	620 U	75 J		200 U	140 J	440 U	420 U		220 U	220 U	430 U	470 U		240 U	86 J	
BENZO(B)FLUORANTHENE	13,970	33,000	410 J	420 U		200 U	1200	440 U	420 U		64 J	60 J	430 U	470 U		60 J	520	
BENZO(K)FLUORANTHENE			370 J	420 U		22 J	510	440 U	420 U		72 J	23 J	430 U	470 U		55 J	260 J	
BENZO(A)PYRENE			CRG	CRG		340 J	420 U	200 U	720		420 U	63 J	220 U	430 U		53 J	320	
INDENO(1,2,3-CD)PYRENE	14,000	33,000	270 J	420 U		200 U	620	440 U	420 U		53 J	220 U	430 U	470 U		240 U	270	
DIBENZO(A,H)ANTHRACENE	1400	3300	63 J	420 U		200 U	130 J	440 U	420 U		220 U	220 U	430 U	470 U		240 U	270 U	
BENZO(G,H,I)PERYLENE			260 J	420 U		200 U	560	440 U	420 U		220 U	220 U	430 U	470 U		240 U	240 J	
<i>units are ug/kg (ppb)</i>		CRG	CRG															
AROCLOR-1016			58 U	42 U	not sampled	29 U	40 U	41 U	43 U	not sampled	22 U	22 U	41 U	48 U	not sampled	24 U	27 U	
AROCLOR-1221			79 U	53 U		40 U	40 U	56 U	54 U		22 U	22 U	55 U	60 U		24 U	27 U	
AROCLOR-1232			58 U	42 U		20 U	40 U	41 U	43 U		22 U	22 U	41 U	48 U		24 U	27 U	
AROCLOR-1242			40 U	27 U		20 U	40 U	28 U	27 U		22 U	22 U	28 U	30 U		24 U	27 U	
AROCLOR-1248			440	16 J		1200 D	40 U	430	250		650 D	22 U	36	20 J	200		27 U	
AROCLOR-1254			40 U	27 U		20 U	130	28 U	27 U		22 U	10 J	28 U	30 U	24 U	46		
AROCLOR-1260			61	42 U		34	120	14 J	43 U		29 J	6.6 J	41 U	48 U		27	45	
<i>units are mg/kg (ppm)</i>																		
SILVER			0.15 U	0.07 U	not sampled	0.07 J	1.17 U	0.10 U	0.08 U	not sampled	0.06 J	0.638 U	0.1 U	0.09 U	not sampled	0.24 J	0.781 U	
ALUMINUM			8800 J	9410		5640	12000	10100 J	12000		5950	7820	12100 J	11500		7240	8680	
BARIUM			79.5 J	46.3		26.1 J	145	50.6 J	87.5		53.6	45.1	50.4 J	72.8		86.0	87.5	
BERYLLIUM			2.4	5.5		0.55 J	0.34 J	0.16 J	1.01 J		0.39 J	0.55 J	0.26 J	0.399 J	0.43 J	0.54 J	0.35 J	0.58 J
CALCIUM			7240 J	1040		41700	9410	2690 J	9800		54100	10700	1150 J	6140		10200	11300	
CADMIUM			2186	4258		5 UJ	0.02 U	0.07 U	0.464 J		5 UJ	0.03 U	0.08 U	0.638 U	5 UJ	0.03 U	0.09 U	0.159 J
COBALT						10 J	6.0	3	17.2		7.2 J	11.7	6.2 J	7.66	6.8 J	12.5	7.6 J	10.9
CHROMIUM			21858 (IV),	42,583 (IV),		19 J	10.8	8.2	28.6		11.5 J	23.2	11.0	12.4	12.7 J	16.6	14.6	22.1
COPPER			161,752	315,117		22.5 J	18.6	18	32.2		33.6 J	23.8	15.8	13.6	23.5 J	32.9	15.4	18.6
IRON						22800 J	17900	14300	32300		21700 J	25700	15500	21900	21000 J	31300	18400	25800
POTASSIUM						1080	561 J	528 J	1430		876	1510	732	737	754	1380	869	1050
MAGNESIUM						3580 J	1820	2940	4010		2930 J	6720	3300	3800	2290 J	5010	2970	3990
MANGANESE						1360 J	285	422	2070		610 J	431	705	813	233 J	492	1510	1070
SODIUM						186 J	143 J	185 J	351		97.9 J	147 J	239 J	153 J	60.3 J	99 J	688 J	203 J
NICKEL			87,433	170,333		21.9 J	13.8	14.2	34.6		17.9 J	28.4	18.9	19.3	16.4 J	29.0	19.0	24.2
THALLIUM			262	511		0.66 J	0.91 J	0.2 U	2.01		0.96 J	1.6	0.46 J	0.854 J	0.70 J	1.7	0.25 U	1.34 J
VANADIUM						28.3 J	17.3	10.6	55.8		17.6 J	30.3	18.2	15.4	19.3 J	19.4	23.0	26.7
ZINC			847,335	1,000,000		91.3 J	58.8	48	182		73.5 J	77.2	63.3	66.9	75.3 J	86.4	84.0	108.0
LEAD			500	500		13.5 J	10.3	5.2	24.4		11.3 J	13.9	8.6 J	8.93	13.3 J	14.6	10.9 J	14.6
SELENIUM			21,858	42,583	R	0.61 J	1.1	0.931 J	R		0.68		1.6 J	1.28 U	R	0.98	2.1 J	0.615 J
ANTIMONY			1749	3407		10 UJ	0.49 J	0.92 J	2.17 J		10 UJ	0.63 J	1.2 J	1.60 J	10 UJ	0.83 J	1.1 J	1.74 J
ARSENIC			CRG	CRG		9.9 J	7.2	6	14.9		9.9 J	10.2	8.6 J	7.07	7.4 J	15.0	7.7 J	11.6
MERCURY			1312	2555		1.9 J	0.059	0.14	6.98		0.067 J	2.8	1.1 J	0.653	0.091 J	0.023 U	1.6 J	1.83
(pCi/g)			5 pCi/g	10 pCi/g		0.83	0.866	not sampled	0.564 J	0.890	0.913	1.21	not sampled	0.787 J	R	0.636	0.771	0.764
Radium-226						0.702	1.03	0.499 J	0.980	0.932	1.03		0.787 J	R	0.863	0.758	0.867	0.797
Radium-228															not sampled	0.757 J	0.711	

U = Analyte was analyzed for but not detected above the level of the reported sample quant

J = The result is an estimated quantity. The numerical value is the approximate concentration

J + = The result is an estimated quantity, but the result may be biased high.

J - = The result is an estimated quantity, but the result may be biased low.

R = Data are unusable. The analyte may or may not be present in the sample.

UJ = The analyte was analyzed for, but was not detected. The reported quantitation limit is a

CRG - Confidence Removal Goal - All others are Cleanup Goals (CUGs)

FIELDS BROOK
TABLE 3 - SUMMARY OF ANALYTICAL RESULTS FOR SURFACE WATER SAMPLES

Analysis	List of Compounds	FB-SW01 Aug-04	FB-SW01 Aug-06	FB-SW01 Jun-08	FB-SW01 Sep-10	FB-SW01 Sep-11	FB-SW02 Aug-04	FB-SW02 Aug-06	FB-SW02 Jun-08	FB-SW02 Sep-10	FB-SW03 Sep-11	FB-SW03 Aug-04	FB-SW03 Aug-06	FB-SW03 Jun-08	FB-SW03 Sep-10	FB-SW03 Sep-11			
VOCs	(units are in ug/l)																		
	1,1,1-TRICHLOROETHANE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.50	U	0.5	U		
	1,1,2,2-TETRACHLOROETHANE	2.4		1.3		1		0.5	U	0.80		3		1.8		2.2			
	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.50	U	0.11	J	0.5	U	0.5	U	0.50	U	17	J	0.5	U	0.5	U		
	1,1,2-TRICHLOROETHANE	0.50	U	0.50	U	0.5	U	0.5	U	0.12	J	0.5	U	0.5	U	0.15	J		
	1,1-DICHLOROETHANE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.5	U	0.5	U		
	1,1-DICHLOROETHENE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.5	U	0.5	U		
	1,2,3-TRICHLOROBENZENE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.5	U	0.5	U		
	1,2,4-TRICHLOROBENZENE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.5	U	0.5	U		
	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.5	U	0.5	U		
	1,2-DIBROMOETHANE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.5	U	0.5	U		
	1,2-DICHLOROBENZENE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.5	U	0.5	U		
	1,2-DICHLOROETHANE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.5	U	0.5	U		
	1,2-DICHLOROPROPANE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.5	U	0.5	U		
	1,3-DICHLOROBENZENE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.5	U	0.5	U		
	1,4-DICHLOROBENZENE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.5	U	0.5	U		
	2-BUTANONE	5.6		0.50	U	5	U	5	U	3.1	J	5	U	5	U	2.2	J		
	2-HEXANONE	5.0	U	0.50	U	5	U	5	U	5.0	U	5	U	5.0	U	5	U		
	4-METHYL-2-PENTANONE	5.0	U	0.50	U	5	U	5	U	5.0	U	5	U	5.0	U	5	U		
	ACETONE	R	840	J	5	U	5	U	5	U	5.0	U	5.0	U	5	U	5	U	
	BENZENE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.5	U	0.5	U		
	BROMOCHLOROMETHANE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.5	U	0.43	J		
	BROMODICHLOROMETHANE	0.50	U	0.2	J	0.5	U	0.5	U	0.50	U	0.31	J	0.5	U	0.5	U		
	BROMOFORM	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.5	U	0.5	U		
	BROMOMETHANE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.5	U	0.5	U		
	CARBON DISULFIDE	0.50	U	0.50	U	0.5	U	0.5	U	0.066	J	0.5	U	0.5	U	0.11	J		
	CARBON TETRACHLORIDE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.5	U	0.5	U		
	CHLOROBENZENE	0.072	JB	0.50	U	0.41	J	0.5	U	0.5	U	0.11	JB	0.5	U	0.31	J		
	CHLOROETHANE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.5	U	0.13	JB		
	CHLOROFORM	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.87		0.5	U	0.5	U		
	CHLOROMETHANE	0.13	J	0.50	U	0.5	U	0.5	U	0.087	J	0.5	U	0.5	U	0.061	J		
	CIS-1,2-DICHLOROETHENE	1.5		1.3		1.8		0.19	J	1.5		2.5		2.7		3	0.34	J	
	CIS-1,3-DICHLOROPROPENE	0.094	JB	0.50	U	0.5	U	0.5	U	0.074	JB	0.5	U	0.5	U	0.099	JB		
	CYCLOHEXANE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.5	U	0.5	U		
	DIBROMOCHLOROMETHANE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.12	J	0.5	U	0.5	U		
	DICHLORODIFLUOROMETHANE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.5	U	0.5	U		
	ETHYLBENZENE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.5	U	0.5	U		
	ISOPROPYLBENZENE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.5	U	0.5	U		
	METHYL ACETATE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.5	U	0.50	U		
	METHYLCYCLOHEXANE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.5	U	0.5	U		
	METHYLENE CHLORIDE	0.33	JB	0.50	U	0.5	U	0.5	U	0.31	JB	0.5	U	0.5	U	0.29	JB		
	METHYL-T-BUTYL ETHER	0.50	U	0.50	U	0.5	U	0.72	U	0.5	U	0.50	U	0.5	U	0.50	U		
	STYRENE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.5	U	0.71	U		
	TETRACHLOROETHENE	1.2		0.8		0.54		0.5	U	0.99		2.4		1.7		1.1	0.5	U	
	TOLUENE	0.53	B	0.50	U	0.5	U	0.5	U	0.29	JB	0.5	U	0.5	U	0.28	JB		
	TRANS-1,2-DICHLOROETHENE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.5	U	0.08	J		
	TRANS-1,3-DICHLOROPROPENE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.5	U	0.5	U		
	TRICHLOROETHENE	1.1		0.91		1.3		0.5	U	0.63		2.0		2.0		2.5	0.5	U	
	TRICHLOROFLUOROMETHANE	0.50	U	0.50	U	0.5	U	0.5	U	0.50	U	0.5	U	0.5	U	0.50	U		
	VINYL CHLORIDE	0.17	J	0.50	U	0.5	U	0.5	U	0.50	U	0.36	J	0.33	J	0.5	U	0.39	J
	XYLENE (TOTAL)	0.50	U	0.50	U	1.5	U			0.5	U	0.50	U	0.5	U	1.5	U		

FIELDS BROOK
TABLE 3 - SUMMARY OF ANALYTICAL RESULTS FOR SURFACE WATER SAMPLES

Analysis	List of Compounds	FB-SW01 Aug-04	FB-SW01 Aug-06	FB-SW01 Jun-08	FB-SW01 Sep-10	FB-SW01 Sep-11	FB-SW02 Aug-04	FB-SW02 Aug-06	FB-SW02 Jun-08	FB-SW02 Sep-10	FB-SW02 Sep-11	FB-SW03 Aug-04	FB-SW03 Aug-06	FB-SW03 Jun-08	FB-SW03 Sep-10	FB-SW03 Sep-11
SVOCs	(units are in ug/l)															
1,1'-BIPHENYL	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
2,2'-OXYBIS(1-CHLOROPROPANE)	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
2,4,5-TRICHLOROPHENOL	20 U 20 U 20 U 5.6 U 4.9 U 21 U 20 U 20 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.4 U 4.7 U															
2,4,6-TRICHLOROPHENOL	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
2,4-DICHLOROPHENOL	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
2,4-DIMETHYLPHENOL	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
2,4-DINITROPHENOL	20 U 20 U 20 U 11 U 9.7 U 21 U 20 U 20 U 10.0 U 10.0 U 20 U 20 U 20 U 11 U 9.3 U															
2,4-DINITROTOLUENE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
2,6-DINITROTOLUENE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
2-CHLORONAPHTHALENE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
2-CHLOROPHENOL	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
2-METHYLNAPHTHALENE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
2-METHYLPHENOL	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
2-NITROANILINE	20 U 20 U 20 U 11 U 9.7 U 21 U 20 U 20 U 10.0 U 10.0 U 20 U 20 U 20 U 11 U 9.3 U															
2-NITROPHENOL	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
3,3'-DICHLOROBENZIDINE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
3-NITROANILINE	20 U 20 U 20 U 11 U 9.7 U 21 U 20 U 20 U 10.0 U 10.0 U 20 U 20 U 20 U 11 U 9.3 U															
4,6-DINITRO-2-METHYLPHENOL	20 U 20 U 20 U 11 U 9.7 U 21 U 20 U 20 U 10.0 U 10.0 U 20 U 20 U 20 U 11 U 9.3 U															
4-BROMOPHENYL PHENYL ETHER	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
4-CHLORO-3-METHYLPHENOL	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
4-CHLOROANILINE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
4-CHLOROPHENYL PHENYL ETHER	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
4-METHYLPHENOL	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
4-NITROANILINE	20 U 20 U 20 U 11 U 9.7 U 21 U 20 U 20 U 10.0 U 10.0 U 20 U 20 U 20 U 11 U 9.3 U															
4-NITROPHENOL	20 U 20 U 20 U 11 U 9.7 U 21 U 20 U 20 U 10.0 U 10.0 U 20 U 20 U 20 U 11 U 9.3 U															
ACENAPHTHENE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
ACENAPHTHYLENE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
ACETOPHENONE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
ANTHRACENE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
ATRAZINE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
BENZALDEHYDE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
BENZO(A)ANTHRACENE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
BENZO(A)PYRENE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
BENZO(B)FLUORANTHENE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
BENZO(G,H,I)PERYLENE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
BENZO(K)FLUORANTHENE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
BIS(2-CHLOROETHOXY)METHANE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
BIS(2-CHLOROETHYL)ETHER	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
BIS(2-ETHYLHEXYL)PHTHALATE	9.0 U 5.0 U 5.0 U 5.7 U 4.9 U 5.3 U 5.0 U 5.5 U 4.7 U															
BUTYL BENZYL PHTHALATE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
CAPROLACTAM	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
CHRYSENE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
DIBENZO(A,H)ANTHRACENE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
DIBENZOFURAN	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
DIETHYL PHTHALATE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
DIMETHYL PHTHALATE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
DI-N-BUTYL PHTHALATE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
DI-N-OCTYL PHTHALATE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
FLUORANTHENE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
FLUORENE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
HEXAChLOROBENZENE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															
HEXAChLOROBUTADIENE	5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.3 U 5.0 U 5.4 U 4.7 U															

FIELDS BROOK
TABLE 3 - SUMMARY OF ANALYTICAL RESULTS FOR SURFACE WATER SAMPLES

Analysis	List of Compounds	FB-SW01 Aug-04	FB-SW01 Aug-06	FB-SW01 Jun-08	FB-SW01 Sep-10	FB-SW01 Sep-11	FB-SW02 Aug-04	FB-SW02 Aug-06	FB-SW02 Jun-08	FB-SW02 Sep-10	FB-SW03 Sep-11	FB-SW03 Aug-04	FB-SW03 Aug-06	FB-SW03 Jun-08	FB-SW03 Sep-10	FB-SW03 Sep-11							
SVOCs	(units are in ug/l)																						
	HEXACHLOROCYCLOPENTADIENE	5.0	U	5.0	U	5.0	U	5.6	U	4.9	U	5.3	U	5.0	U	5.0	U						
	HEXACHLOROETHANE	5.0	U	5.0	U	5.0	U	5.6	U	4.9	U	5.3	U	5.0	U	5.0	U						
	INDENO(1,2,3-CD)PYRENE	5.0	U	5.0	U	5.0	U	5.6	U	4.9	U	5.3	U	5.0	U	5.0	U						
	ISOPHORONE	5.0	U	5.0	U	5.0	U	5.6	U	4.9	U	5.3	U	5.0	U	5.0	U						
	NAPHTHALENE	5.0	U	5.0	U	5.0	U	5.6	U	4.9	U	5.3	U	5.0	U	5.0	U						
	NITROBENZENE	5.0	U	5.0	U	5.0	U	5.6	U	4.9	U	5.3	U	5.0	U	5.0	U						
	N-NITROSO-DI-N-PROPYLAMINE	5.0	U	5.0	U	5.0	U	5.6	U	4.9	U	5.3	U	5.0	U	5.0	U						
	N-NITROSODIPHENYLAMINE(1)	5.0	U	5.0	U	5.0	U	5.6	U	4.9	U	5.3	U	5.0	U	5.0	U						
	PENTACHLOROPHENOL	5.0	U	5.0	U	5.0	U	11	U	9.7	U	5.3	U	5.0	U	10.0	U						
	PHENANTHRENE	5.0	U	5.0	U	5.0	U	5.6	U	4.9	U	5.3	U	5.0	U	5.0	U						
	PHENOLS	5.0	U	5.0	U	5.0	U	5.6	U	4.9	U	5.3	U	5.0	U	5.0	U						
	PYRENE	5.0	U	5.0	U	5.0	U	5.6	U	4.9	U	5.3	U	5.0	U	5.0	U						
PCBs	units are ug/l (ppb)																						
	AROCLO-1016	0.20	U	0.20	U	0.20	U	1.0	U	0.97	U	0.21	U	0.20	U	0.20	U						
	AROCLO-1221	0.40	U	0.40	U	0.40	U	1.0	U	0.97	U	0.41	U	0.40	U	0.40	U						
	AROCLO-1232	0.20	U	0.20	U	0.20	U	1.0	U	0.97	U	0.21	U	0.20	U	0.20	U						
	AROCLO-1242	0.20	U	0.20	U	0.20	U	1.0	U	0.97	U	0.21	U	0.20	U	0.20	U						
	AROCLO-1248	0.13	J	0.2	U	0.2	U	1.0	U	0.97	U	0.19	J	0.2	U	0.2	U						
	AROCLO-1254	0.20	U	0.20	U	0.20	U	1.0	U	0.97	U	0.21	U	0.20	U	0.20	U						
	AROCLO-1260	0.20	U	0.20	U	0.20	U	1.0	U	0.97	U	0.21	U	0.20	U	0.20	U						
	AROCLO-1262							1.0	U	0.97	U						1.1	U	0.93	U			
	AROCLO-1268							1.0	U	0.97	U						1.0	U	0.97	U			
Metals	units are ug/l																						
	ALUMINUM	116	J	63.6		185	J	91.4	J	44.9	J	147	J	83.4	J	105	J	115	J	54.5	J		
	ANTIMONY	2.3	J	1.8	U	60	U	60.0	U	60.0	U	1.9	U	1.8	U	60	U	60.0	U	60.0	U		
	ARSENIC	2.1	U	2.8	U	10	U	10.0	U	10.0	U	2.1	U	2.8	U	10	U	10.0	U	10.0	U		
	BARIUM	57.6	J	60.3	J	53.8	J	50.6	J	60.0	J	57.5	J	48.8	J	51	J	45.0	J	56.9	J		
	BERYLLIUM	0.10	U	0.40	U	5.00	U	5.0	U	5.0	U	0.10	U	0.40	U	5.00	U	5.0	U	5.0	U		
	CADMIUM	0.20	U	0.40	U	5.00	U	5.0	U	5.0	U	0.20	U	0.40	U	5.00	U	5.0	U	5.0	U		
	CALCIUM	57300	54000	58700		41500		58300		61900		45000		54800		39000		53000		58000			
	CHROMIUM	0.90	U	0.50	U	0.67	J	10.0	U	10.0	U	0.90	U	0.50	U	10.0	U	10.0	U	10.0	U		
	COBALT	0.50	U	1.3	J	50.0	U	50.0	U	50.0	U	0.50	U	1.3	J	50.00	U	50.0	U	50.0	U		
	COPPER	0.75	J	1.6	J	1.7	J	25.0	U	1.8	J	0.85	J	1.5	U	1.6	J	25.0	U	2.2	J		
	IRON	434		294		416		157		403	J	495		335		326		182		434	J	443	
	LEAD	1.1	U	1.9	U	10	U	10.0	U	10.0	U	1.2	J	1.9	U	10	U	10.0	U	1.1	U		
	MAGNESIUM	10700	10000	11500		9980		11500		11200		8910		11600		9600		10700		10400		9410	
	MANGANESE	52.2		40.7		61.1		21.9		34.6		84.1		42.8		20.5		23.7		52.3		81.9	
	MERCURY	0.10	UJ	0.10	U	0.20	U	0.20	U	0.20	U	0.10	UJ	0.10	U	0.20	U	0.20	U	0.10	U		
	NICKEL	2.4	J	1.1	U	3.8	J	40.0	U	2.4	J	2.2	J	1.1	U	1.7	J	40.0	U	40.0	U		
	POTASSIUM	3310	J	2340	J	3460	J	2590	J	2700	J	3390	J	2200	J	2870	JE	2620	J	2520	J	3280	J
	SELENIUM	2.4	U	2.2	U	35	U	35.0	U	35.0	U	2.4	U	2.2	U	35	U	35.0	U	2.4	U	4.8	J
	SILVER	0.80	U	0.30	U	10.00	U	10.0	U	0.98	J	0.80	U	0.30	U	10.00	U	10.0	U	1.4	J	35.0	U
	SODIUM	68000	52700	118000		45100		72700		71100		50700		115000		43800		68900		65900		56400	
	THALLIUM	2.8	U	3.6	U	25	U	25.0	U	25.0	U	2.8	U	3.6	U	25	U	25.0	U	25.0	U		
	VANADIUM	1.9	J	1.1	J	1.9	J	1.1	J	50.0	U	1.7	J	1.3	J	1	J	1.2	J	50.0	U	1.8	J
	ZINC	4.1	U	5.4	J	6	J	60.0	U	60.0	U	4.1	U	4.7	J	4.4	J	60	U	60.0	U	4.1	U
	CYANIDE	1.5	J	1.2	U	1.2	U	10.0	U	10.0	U	1.8	J	1.2	U	10.0	U	6.2	J	1.1	U	1.2	U

Notes U = Analyte was analyzed for but not detected

J = Analyte was analyzed for and the reported value was obtained from a reading less than the CRDL but greater than the IDL

N = Indicated sample spike recovery was outside of control limits

* = This flag is used for duplicate analysis when the sample and sample duplicate are not within control limits

FIELDS BROOK
TABLE 3 - SUMMARY OF ANALYTICAL RESULTS FOR SURFACE WATER SAMPLES

Analysis	List of Compounds	FB-SW04 Aug-04	FB-SW04 Aug-06	FB-SW04 Jun-08	FB-SW04 Sep-10	FB-SW04 Sep-11	FB-SW05 Aug-04	FB-SW05 Aug-06	FB-SW05 Jun-08	FB-SW05 Sep-10	FB-SW05 Sep-11	FB-SW06 Aug-04	FB-SW06 Aug-06	FB-SW06 Jun-08	FB-SW06 Sep-10	FB-SW06 Sep-11
VOCs	(units are in ug/l)															
1,1,1-TRICHLOROETHANE	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-TETRACHLOROETHANE	3.3	2.2	1.2	0.5	0.5	1.1	3.2	1.6	5.4	0.26 J	1.2	2.8	8.8	4.6	0.35 J	1.2
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.50 U	0.18 J	0.5 U	0.5 U	0.5 U	0.50 U	0.29 J	0.5 U	0.5 U	0.5 U	0.50 U	0.24 J	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-TRICHLOROETHANE	0.16 J	0.5 U	0.5 U	0.5 U	0.5 U	0.2 J	0.5 U	0.24 J	0.5 U	0.5 U	0.18 J	0.5 U	0.41 J	0.5 U	0.5 U	0.5 U
1,1-DICHLOROETHANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROETHENE	0.11 J	0.5 U	0.5 U	0.5 U	0.5 U	0.11 J	0.5 U	0.5 U	0.5 U	0.5 U	0.12 J	0.5 U				
1,2,3-TRICHLOROBENZENE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-TRICHLOROBENZENE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DIBROMO-3-CHLOROPROPANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DIBROMOETHANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROBENZENE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROPROPANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-DICHLOROBENZENE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-DICHLOROBENZENE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
2-BUTANONE	2.1 J	5 U	5 U	5 U	5 U	2.6 J	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5.0 U
2-HEXANONE	5.0 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5.0 U
4-METHYL-2-PENTANONE	5.0 R	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U	5 U	5.0 U
ACETONE	980 J	7.4 UJ	5 U	170		R 1000	J 5.1 UJ	5 U	5.0 U	R 240	J 5.8 UJ	5 U	5 U	5 U	5 U	5.0 U
BENZENE	0.076 J	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.14 J	0.5 U	0.5 U	0.5 U	0.5 U
BROMOCHLOROMETHANE	0.50 U	0.65	0.5 U	0.5 U	0.5 U	0.50 U	0.84	0.5 U	0.5 U	0.50 U	0.85	0.5 U				
BROMODICHLOROMETHANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOFORM	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOMETHANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON DISULFIDE	0.057 J	0.5 U	0.5 U	0.5 U	0.5 U	0.066 J	0.5 U	0.5 U	0.5 U	0.048 J	0.5 U					
CARBON TETRACHLORIDE	0.047 J	0.5 U	0.5 U	0.5 U	0.5 U	0.052 J	0.5 U	0.22 J	0.5 U	0.074 J	0.5 U	0.19 J	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	0.14 JB	0.5 U	0.27 J	0.5 U	0.5 U	0.16 JB	0.5 U	21	0.5 U	0.5 U	0.15 JB	0.5 U	20	0.5 U	0.5 U	0.5 U
CHLOROETHANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROFORM	0.056 J	1.8	0.5 U	0.5 U	0.5 U	0.50 U	2.3	0.5 U	0.5 U	0.50 U	0.36 J	1.8	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROMETHANE	0.074 J	0.5 U	0.5 U	0.5 U	0.5 U	0.072 J	0.5 U	0.5 U	0.5 U	0.063 J	0.5 U					
CIS-1,2-DICHLOROETHENE	3.9	5.5	4.1	1.1	5.3	5	8.6	9.4	3.6	8.5	5.4	7.5	9.2	4	10	
CIS-1,3-DICHLOROPROPENE	0.094 JB	0.5 U	0.5 U	0.5 U	0.5 U	0.09 JB	0.5 U	0.5 U	0.5 U	0.097 JB	0.5 U					
CYCLOXANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
DIBROMOCHLOROMETHANE	0.50 U	0.37 J	0.5 U	0.5 U	0.5 U	0.50 U	0.38 J	0.5 U	0.5 U	0.50 U	0.45 J	0.5 U				
DICHLORODIFLUOROMETHANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ETHYLBENZENE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
ISOPROPYLBENZENE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYL ACETATE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYLCYCLOXANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYLENE CHLORIDE	0.29 JB	0.5 U	0.5 U	0.5 U	0.5 U	0.24 JB	0.11 J	0.5 U	0.5 U	0.22 JB	0.5 U					
METHYL-T-BUTYL ETHER	0.50 U	0.5 U	0.5 U	0.5 U	0.67	0.5 U	0.50 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
STYRENE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TETRACHLOROETHENE	3.8	3.4	0.5 U	0.5 U	3.3	5.4	6.4	2.8	0.68	6.1	5.8	4.6	2.6	0.7	6.8	
TOLUENE	0.23 JB	0.5 U	0.5 U	0.5 U	0.5 U	0.24 JB	0.5 U	0.5 U	0.5 U	0.22 JB	0.5 U					
TRANS-1,2-DICHLOROETHENE	0.074 J	0.5 U	0.5 U	0.5 U	0.5 U	0.12 J	0.13 J	0.16 J	0.071 J	0.5 U	0.13 J	0.15 J	0.15 J	0.069 J	0.5 U	
TRANS-1,3-DICHLOROPROPENE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
TRICHLOROETHENE	3.2	3.8	3.8	0.41 J	2.1	4.1	6	7.3	1.2	3.4	4.3	5.6	6.9	1.2	4.0	
TRICHLOROFLUOROMETHANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
VINYL CHLORIDE	0.5	0.91	0.38 J	0.5 U	0.77	0.78	2	0.98	0.64	1.6	0.88	1.7	1.1	0.79	1.9	
XYLENE (TOTAL)	0.50 U	0.5 U	1.5 U		0.5 U	0.50 U	0.5 U	1.5 U		0.5 U	0.50 U	0.5 U	1.5 U		0.5 U	

FIELDS BROOK
TABLE 3 - SUMMARY OF ANALYTICAL RESULTS FOR SURFACE WATER SAMPLES

Analysis	List of Compounds	FB-SW04 Aug-04	FB-SW04 Aug-06	FB-SW04 Jun-08	FB-SW04 Sep-10	FB-SW04 Sep-11	FB-SW05 Aug-04	FB-SW05 Aug-06	FB-SW05 Jun-08	FB-SW05 Sep-10	FB-SW05 Sep-11	FB-SW06 Aug-04	FB-SW06 Aug-06	FB-SW06 Jun-08	FB-SW06 Sep-10	FB-SW06 Sep-11
SVOCs	(units are in ug/l)															
1,1'-BIPHENYL	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
2,2'-OXYBIS(1-CHLOROPROPANE)	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
2,4,5-TRICHLOROPHENOL	21 U 20 U 20 U 5.1 U 4.8 U 20 U 20 U 20 U 20 U 5.1 U 5.0 U 20 U 20 U 20 U 20 U 5.1 U 4.9 U															
2,4,6-TRICHLOROPHENOL	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
2,4-DICHLOROPHENOL	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
2,4-DIMETHYLPHENOL	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
2,4-DINITROPHENOL	21 U 20 U 20 U 10 U 9.5 U 20 U 20 U 20 U 20 U 10 U 10 U 20 U 20 U 20 U 10 U 20 U 10 U 9.8 U															
2,4-DINITROTOLUENE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
2,6-DINITROTOLUENE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
2-CHLORONAPHTHALENE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
2-CHLOROPHENOL	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
2-METHYLNAPHTHALENE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
2-METHYLPHENOL	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
2-NITROANILINE	21 U 20 U 20 U 10 U 9.5 U 20 U 20 U 20 U 20 U 10 U 10 U 20 U 20 U 20 U 10 U 20 U 10 U 9.8 U															
2-NITROPHENOL	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
3,3'-DICHLOROBENZIDINE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
3-NITROANILINE	21 U 20 U 20 U 10 U 9.5 U 20 U 20 U 20 U 20 U 10 U 10 U 20 U 20 U 20 U 10 U 20 U 10 U 9.8 U															
4,6-DINITRO-2-METHYLPHENOL	21 U 20 U 20 U 10 U 9.5 U 20 U 20 U 20 U 20 U 10 U 10 U 20 U 20 U 20 U 10 U 20 U 10 U 9.8 U															
4-BROMOPHENYL PHENYL ETHER	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
4-CHLORO-3-METHYLPHENOL	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
4-CHLOROANILINE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
4-CHLOROPHENYL PHENYL ETHER	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
4-METHYLPHENOL	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
4-NITROANILINE	21 U 20 U 20 U 10 U 9.5 U 20 U 20 U 20 U 20 U 10 U 10 U 20 U 20 U 20 U 10 U 20 U 10 U 9.8 U															
4-NITROPHENOL	21 U 20 U 20 U 10 U 9.5 U 20 U 20 U 20 U 20 U 10 U 10 U 20 U 20 U 20 U 10 U 20 U 10 U 9.8 U															
ACENAPHTHENE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
ACENAPHTHYLENE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
ACETOPHENONE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
ANTHRACENE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
ATRAZINE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
BENZALDEHYDE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
BENZO(A)ANTHRACENE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
BENZO(A)PYRENE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
BENZO(B)FLUORANTHENE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
BENZO(G,H,I)PERYLENE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
BENZO(K)FLUORANTHENE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
BIS(2-CHLOROETHOXY)METHANE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
BIS(2-CHLOROETHYL)ETHER	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
BIS(2-ETHYLHEXYL)PHTHALATE	5.1 U 5.0 U 5.0 U 5.7 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
BUTYL BENZYL PHTHALATE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
CAPROLACTAM	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
CHRYSENE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
DIBENZO(A,H)ANTHRACENE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
DIBENZOFURAN	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
DIETHYL PHTHALATE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
DIMETHYL PHTHALATE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
DI-N-BUTYL PHTHALATE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
DI-N-OCTYL PHTHALATE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
FLUORANTHENE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
FLUORENE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
HEXAChLOROBENZENE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
HEXAChLOROBUTADIENE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															

FIELDS BROOK
TABLE 3 - SUMMARY OF ANALYTICAL RESULTS FOR SURFACE WATER SAMPLES

Analysis	List of Compounds	FB-SW04 Aug-04	FB-SW04 Aug-06	FB-SW04 Jun-08	FB-SW04 Sep-10	FB-SW04 Sep-11	FB-SW05 Aug-04	FB-SW05 Aug-06	FB-SW05 Jun-08	FB-SW05 Sep-10	FB-SW05 Sep-11	FB-SW06 Aug-04	FB-SW06 Aug-06	FB-SW06 Jun-08	FB-SW06 Sep-10	FB-SW06 Sep-11
SVOCs	(units are in ug/l)															
HEXACHLOROCYCLOPENTADIENE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
HEXACHLOROETHANE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
INDENO(1,2,3-CD)PYRENE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
ISOPHORONE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
NAPHTHALENE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
NITROBENZENE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
N-NITROSO-DI-N-PROPYLAMINE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
N-NITROSODIPHENYLAMINE(1)	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
PENTACHLOROPHENOL	5.1 U 5.0 U 5.0 U 10 U 9.5 U 5.0 U 5.0 U 5.0 U 5.0 U 10 U 10 U 5.0 U 5.0 U 5.0 U 5.0 U 10 U 9.8 U															
PHENANTHRENE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
PHENOLS	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
PYRENE	5.1 U 5.0 U 5.0 U 5.1 U 4.8 U 5.0 U 5.0 U 5.0 U 5.0 U 5.1 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 4.9 U															
PCBs	units are ug/l (ppb)															
AROCLO-1016	0.20 U 0.20 U 0.20 U 1 U 0.93 U 0.20 U 0.20 U 0.20 U 1 U 0.98 U 0.20 U 0.20 U 0.20 U 0.20 U 1.0 U 0.95 U															
AROCLO-1221	0.40 U 0.40 U 0.40 U 1 U 0.93 U 0.40 U 0.40 U 0.40 U 1 U 0.98 U 0.40 U 0.40 U 0.40 U 0.40 U 1.0 U 0.95 U															
AROCLO-1232	0.20 U 0.20 U 0.20 U 1 U 0.93 U 0.20 U 0.20 U 0.20 U 1 U 0.98 U 0.20 U 0.20 U 0.20 U 0.20 U 1.0 U 0.95 U															
AROCLO-1242	0.20 U 0.20 U 0.20 U 1 U 0.93 U 0.20 U 0.20 U 0.20 U 1 U 0.98 U 0.20 U 0.20 U 0.20 U 0.20 U 1.0 U 0.95 U															
AROCLO-1248	0.15 J 0.2 U 0.2 U 1 U 0.93 U 0.18 J 0.83 U 0.2 U 1 U 0.98 U 0.2 U 0.24 P 0.2 U 1.0 U 0.95 U															
AROCLO-1254	0.20 U 0.20 U 0.20 U 1 U 0.93 U 0.20 U 0.20 U 0.20 U 1 U 0.98 U 0.20 U 0.20 U 0.20 U 0.20 U 1.0 U 0.95 U															
AROCLO-1260	0.20 U 0.20 U 0.20 U 1 U 0.93 U 0.20 U 0.20 U 0.20 U 1 U 0.98 U 0.20 U 0.20 U 0.20 U 0.20 U 1.0 U 0.95 U															
AROCLO-1262																
AROCLO-1268																
Metals	units are ug/l															
ALUMINUM	312 U 169 J 2750 U 138 J 97.4 J 359 U 991 U 1120 U 123 J 91.6 J 160 J 204 U 641 U 115 J 61.1 J															
ANTIMONY	1.9 U 1.8 U 60 U 60.0 U 60.0 U 1.9 U 1.8 U 60 U 60.0 U 60.0 U 2.0 J 1.8 U 60 U 60.0 U 60.0 U 60.0 U															
ARSENIC	2.1 U 2.8 U 10 U 10 U 10 U 2.1 U 2.8 U 10 U 10 U 10 U 2.1 U 2.8 U 10 U 10 U 10 U 10.0 U															
BARIUM	56.2 J 47.4 J 77.5 J 50.0 J 52.8 J 63.7 J 136 J 64.9 J 66.5 J 61.2 J 51.5 J 55.4 J 58.8 J 64.0 J 57.2 J															
BERYLLIUM	0.10 U 0.40 U 0.18 J 0.53 J 5.0 U 0.10 U 0.40 U 5.0 U 0.53 J 5.0 U 0.10 U 0.40 U 0.13 J 5.0 U 5.0 U															
CADMIUM	0.20 U 0.40 U 5.00 U 5.0 U 5.0 U 0.20 U 0.40 U 5.00 U 5.0 U 5.0 U 0.20 U 0.40 U 5.00 U 5.0 U 5.0 U															
CALCIUM	56900 U 46600 U 59900 U 39700 U 49400 U 55400 U 45200 U 51500 U 46100 U 52900 U 57700 U 45800 U 60600 U 45600 U 50400 U															
CHROMIUM	0.96 J 0.50 U 5.70 J 10.0 U 10.0 U 4.8 J 0.50 U 2.60 J 10.0 U 10.0 U 0.90 U 0.50 U 1.20 J 10.0 U 10.0 U															
COBALT	0.58 J 1.20 J 1.20 J 50.0 U 50.0 U 0.54 J 2.90 J 50.00 U 50.0 U 50.0 U 0.50 U 0.50 U 1.50 J 50.00 U 50.0 U															
COPPER	1.3 J 2.2 J 12.3 J 25.0 U 1.8 J 1.6 J 3.9 J 7 J 25.0 U 2.0 J 1.2 J 1.6 J 4.7 J 25.0 U 1.5 J															
IRON	774 U 513 U 5490 U 239 U 453 J 760 U 2300 U 2270 U 239 U 442 J 566 U 591 U 1260 U 316 U 375 U															
LEAD	1.1 U 1.9 U 10.6 U 10.0 U 10.0 U 1.2 J 2.2 J 3.2 J 10.0 U 2.0 J 1.1 U 1.9 U 3.2 J 10.0 U 10.0 U															
MAGNESIUM	10100 U 8880 U 12000 U 9800 U 10300 U 10000 U 8690 U 9830 U 10900 U 10700 U 10400 U 8670 U 11400 U 10800 U 10400 U															
MANGANESE	118 U 77.8 U 245 U 39.0 U 55.2 U 90.8 U 176 U 124 U 53.7 U 67.3 U 91.6 U 98.6 U 128 U 55.0 U 62.5 U															
MERCURY	0.13 J 0.10 U 0.20 U 0.20 U 0.20 U 0.10 J 0.10 U 0.20 U 0.20 U 0.20 U 0.10 U 0.10 U 0.20 U 0.20 U 0.20 U															
NICKEL	2.6 J 1.1 U 9.1 J 40.0 U 40.0 U 4.2 J 1.1 J 3 J 40.0 U 2.2 J 2.2 J 1.1 U 2.7 J 40.0 U 40.0 U															
POTASSIUM	3360 J 2580 J 3640 JE 2590 J 2390 J 3030 J 2900 JE 3020 JE 3060 J 2290 J 3100 J 2140 J 3070 JE 3030 J 2210 J															
SELENIUM	2.4 U 2.2 U 35 U 35.0 U 35.0 U 2.4 U 2.2 U 35 U 35.0 U 35.0 U 2.4 U 2.2 U 35 U 35.0 U 35.0 U															
SILVER	0.80 U 0.30 U 10.00 U 10.0 U 0.82 J 0.80 U 0.30 U 10.00 U 10.0 U 1.3 J 0.80 U 0.30 U 10.00 U 10.0 U															
SODIUM	62400 U 59600 U 103000 U 42700 U 65200 U 61300 U 55700 U 74900 U 64700 U 61100 U 60900 U 59800 U 92300 U 65500 U 59200 U															
THALLIUM	2.8 U 3.6 U 25 U 25.0 U 25.0 U 2.8 U 6.8 J 25 U 25.0 U 25.0 U 2.8 U 3.6 U 25 U 25.0 U 25.0 U															
VANADIUM	2.4 J 1.5 J 9.6 J 1.3 J 50.0 U 2.5 J 8.3 J 6.3 J 1.2 J 50.0 U 2.3 J 1.3 J 3.4 J 1.2 J 50.0 U															
ZINC	6.3 J 7.0 J 42.9 J 60 U 5.8 J 5.9 J 16.4 J 17.9 J 60 U 60.0 U 7.5 J 6.3 J 12.4 J 60 U 60.0 U															
CYANIDE	1.1 U 1.2 U 10.0 U 10.0 U 1.1 U 1.2 U 10.0 U 10.0 U 10.0 U 10.0 U 1.3 J 1.2 U 10.0 U 10.0 U 2.6 J															

Notes U = Analyte was analyzed for but not detected
 J = Analyte was analyzed for and the result is reported

N = Indicated sample spike recovery was
 * = This flag is used for duplicate analysis

FIELDS BROOK

TABLE 3 - SUMMARY OF ANALYTICAL RESULTS FOR SURFACE WATER SAMPLES

Analysis	List of Compounds	FB-SW07 Aug-04	FB-SW07 Aug-06	FB-SW07 Jun-08	FB-SW07 Sep-10	FB-SW07 Sep-11	FB-SW08 Aug-04	FB-SW08 Aug-06	FB-SW08 Jun-08	FB-SW08 Sep-10	FB-SW08 Sep-11	Dup of FB-SW08 Sep-11	FB-SW09 Aug-04	FB-SW09 Aug-06	FB-SW09 Jun-08	FB-SW09 Sep-10	FB-SW09 Sep-11
VOCs (units are in ug/l)																	
1,1,1-TRICHLOROETHANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2,2-TETRACHLOROETHANE	3.6	5.2	4.4	4.0	J	1.1	3.8	4.3	4.5	0.55	2.4	2.8	8.3	1.2	1	0.27 J	0.57
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.50 U	0.23 J	0.5 U	0.5 U	0.5 U	0.50 U	0.22 J	0.5 U	0.50 U	0.18 J	0.5 U	0.5 U	0.5 U				
1,1,2-TRICHLOROETHANE	0.2 J	0.5 U	0.3 J	0.083 J	0.5 U	0.21 J	0.5 U	0.16 J	0.5 U	0.5 U	0.5 U	0.5 U	0.23 J	0.5 U	0.17 J	0.5 U	0.5 U
1,1-DICHLOROETHANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROETHENE	0.17 J	0.5 U	0.5 U	0.5 U	0.5 U	0.14 J	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U					
1,2,3-TRICHLOROBENZENE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2,4-TRICHLOROBENZENE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DIBROMO-3-CHLOROPROPANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DIBROMOETHANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROBENZENE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROPROPANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
1,3-DICHLOROBENZENE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
1,4-DICHLOROBENZENE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
2-BUTANONE	2.1 J	5 U	5 U	5 U	5.0 U	2.6 J	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	2.9 J	5 U	5 U	5 U	5.0 U
2-HEXANONE	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5.0 U
4-METHYL-2-PENTANONE	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5.0 U
ACETONE	R	320 J	5 U	6.2 U	55	R	390	5 U	5 U	5 U	120	84	U	R	450 J	5 U	5 U
BENZENE	0.07 J	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOCHLOROMETHANE	0.50 U	0.9	0.5 U	0.5 U	0.5 U	0.50 U	1.1	0.5 U	0.50 U	1.3	0.5 U	0.5 U	0.5 U				
BROMODICHLOROMETHANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.31 J	JB	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.43 JB	0.5 U	0.5 U	0.5 U
BROMOFORM	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
BROMOMETHANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
CARBON DISULFIDE	0.062 J	0.5 U	0.5 U	0.5 U	0.5 U	0.045 J	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.097 J					
CARBON TETRACHLORIDE	0.083 J	0.5 U	0.16 J	0.5 U	0.5 U	0.071 J	0.5 U	0.16 J	0.5 U	0.5 U	0.5 U	0.5 U					
CHLOROBENZENE	0.17 JB	0.5 U	6.8	0.5 U	0.5 U	0.15 JB	0.5 U	0.79	0.5 U	0.5 U	0.5 U	0.5 U	0.1 JB	0.5 U	0.92	0.5 U	0.5 U
CHLOROETHANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
CHLOROFORM	0.079 J	2	0.5 U	0.5 U	0.5 U	0.064 J	2.3	0.5 U	0.11 J	2.9	0.5 U	0.5 U	0.5 U				
CHLOROMETHANE	0.094 J	0.5 U	0.5 U	0.5 U	0.5 U	0.074 J	0.5 U	0.087 J	0.5 U	0.5 U	0.5 U	0.5 U					
CIS-1,2-DICHLOROETHENE	7.5	8.4	9.2	6	8.7	5.7	7	4.9	8.3	4.7	4.1	7.2	7.3	4.5	5	6.9	
CIS-1,3-DICHLOROPROPENE	0.081 JB	0.5 U	0.5 U	0.5 U	0.5 U	0.075 JB	0.5 U	0.087 JB	0.5 U	0.5 U	0.5 U	0.5 U					
CYCLOXANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
DIBROMOCHLOROMETHANE	0.50 U	0.42 J	0.5 U	0.5 U	0.5 U	0.50 U	0.51	0.5 U	0.50 U	0.68	0.5 U	0.5 U	0.5 U				
DICHLORODIFLUOROMETHANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
ETHYLBENZENE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
ISOPROPYLBENZENE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYL ACETATE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYLCYCLOXANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
METHYLENE CHLORIDE	0.27 JB	0.5 U	0.5 U	0.5 U	0.5 U	0.3 JB	0.5 U	0.53 UJ	0.5 U	0.5 U	0.5 U	0.5 U	0.35 JB	0.5 U	0.51 UJ	0.5 U	0.5 U
METHYL-T-BUTYL ETHER	0.50 U	0.5 U	0.5 U	0.71 U	0.5 U	0.50 U	0.5 U	0.5 U	0.77 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.53 U	0.5 U
STYRENE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
TETRACHLOROETHENE	7.3	5.2	2.7	1	5.8	3	2.7	1.8	1.3	1.7	1.5	3.5	2.6	1.6	0.89	2.1	
TOLUENE	0.21 JB	0.5 U	0.5 U	0.5 U	0.5 U	0.26 JB	0.5 U	0.23 JB	0.5 U	0.5 U	0.5 U	0.5 U					
TRANS-1,2-DICHLOROETHENE	0.12 J	0.16 J	0.15 J	0.083 J	0.5 U	0.14 J	0.14 J	0.12 J	0.11 J	0.5 U	0.5 U	0.5 U	0.15 J	0.11 J	0.5 U	0.5 U	0.5 U
TRANS-1,3-DICHLOROPROPENE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
TRICHLOROETHENE	6.2	6	7.3	1.8	3.8	4.9	5.4	5.2	2.5	2.9	2.7	5.4	5.5	4.9	1.7	3.9	
TRICHLOROFLUOROMETHANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U
VINYL CHLORIDE	1.2	1.9	0.99	1.1	1.8	0.85	1.7	0.56	1.6	0.98	0.5 U	1	1.8	0.57	1.2	1.5	
XYLENE (TOTAL)	0.50 U	0.5 U	1.5 U		0.5 U	0.50 U	0.5 U	1.5 U		0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	1.5 U		0.5 U

FIELDS BROOK
TABLE 3 - SUMMARY OF ANALYTICAL RESULTS FOR SURFACE WATER SAMPLES

Analysis	List of Compounds	FB-SW07 Aug-04	FB-SW07 Aug-06	FB-SW07 Jun-08	FB-SW07 Sep-10	FB-SW07 Sep-11	FB-SW08 Aug-04	FB-SW08 Aug-06	FB-SW08 Jun-08	FB-SW08 Sep-10	FB-SW08 Sep-11	Dup of FB-SW08 Sep-11	FB-SW09 Aug-04	FB-SW09 Aug-06	FB-SW09 Jun-08	FB-SW09 Sep-10	FB-SW09 Sep-11
SVOCs	(units are in ug/l)																
1,1'-BIPHENYL	5.0 U	5.0 U	5.0 U	5.0 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
2,2'-OXYBIS(1-CHLOROPROPANE)	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
2,4,6-TRICHLOROPHENOL	20 U	20 U	20 U	20 U	5 U	4.9 U	20 U	20 U	20 U	5 U	5 U	4.8 U	4.9 U	20 U	20 U	20 U	4.8 U
2,4,6-TRICHLOROPHENOL	5.0 U	5.0 U	5.0 U	5.0 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
2,4-DICHLOROPHENOL	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
2,4-DIMETHYLPHENOL	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
2,4-DINITROPHENOL	20 U	20 U	20 U	20 U	10 U	9.8 U	20 U	20 U	20 U	10 U	9.5 U	9.7 U	U	20 U	20 U	20 U	9.5 U
2,4-DINITROTOLUENE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
2,6-DINITROTOLUENE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
2-CHLORONAPHTHALENE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
2-CHLOROPHENOL	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
2-METHYLNAPHTHALENE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
2-METHYLPHENOL	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
2-NITROANILINE	20 U	20 U	20 U	20 U	10 U	9.8 U	20 U	20 U	20 U	10 U	9.5 U	9.7 U	U	20 U	20 U	20 U	9.5 U
2-NITROPHENOL	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
3,3'-DICHLOROBENZIDINE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
3-NITROANILINE	20 U	20 U	20 U	20 U	10 U	9.8 U	20 U	20 U	20 U	10 U	9.5 U	9.7 U	U	20 U	20 U	20 U	9.5 U
4,6-DINITRO-2-METHYLPHENOL	20 U	20 U	20 U	20 U	10 U	9.8 U	20 U	20 U	20 U	10 U	9.5 U	9.7 U	U	20 U	20 U	20 U	9.5 U
4-BROMOPHENYL PHENYL ETHER	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
4-CHLORO-3-METHYLPHENOL	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
4-CHLOROANILINE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
4-CHLOROPHENYL PHENYL ETHER	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
4-METHYLPHENOL	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
4-NITROANILINE	20 U	20 U	20 U	20 U	10 U	9.8 U	20 U	20 U	20 U	10 U	9.5 U	9.7 U	U	20 U	20 U	20 U	9.5 U
4-NITROPHENOL	20 U	20 U	20 U	20 U	10 U	9.8 U	20 U	20 U	20 U	10 U	9.5 U	9.7 U	U	20 U	20 U	20 U	9.5 U
ACENAPHTHENE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
ACENAPHTHYLENE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
ACETOPHENONE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
ANTHRACENE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
ATRAZINE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
BENZALDEHYDE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
BENZO(A)ANTHRACENE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
BENZO(A)PYRENE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
BENZO(B)FLUORANTHENE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
BENZO(G,H,I)PERYLENE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
BENZO(K)FLUORANTHENE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
BIS(2-CHLOROETHOXY)METHANE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
BIS(2-CHLOROETHOXY)ETHER	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
BIS(2-ETHYLHEXYL)PHTHALATE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
BUTYL BENZYL PHTHALATE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
CAPROLACTAM	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
CHRYSENE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
DIBENZO(A,H)ANTHRACENE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
DIBENZOFURAN	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
DIETHYL PHTHALATE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
DIMETHYL PHTHALATE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
DI-N-BUTYL PHTHALATE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
DI-N-OCTYL PHTHALATE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
FLUORANTHENE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
FLUORENE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
HEXAChLOROBENZENE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U
HEXAChLOROBUTADIENE	5.0 U	5.0 U	5.0 U	5 U	5 U	4.9 U	5.0 U	5.0 U	5.0 U	5 U	5 U	4.8 U	4.9 U	5.0 U	5.0 U	5.0 U	4.8 U

FIELDS BROOK
TABLE 3 - SUMMARY OF ANALYTICAL RESULTS FOR SURFACE WATER SAMPLES

Analysis	List of Compounds	FB-SW07 Aug-04	FB-SW07 Aug-06	FB-SW07 Jun-08	FB-SW07 Sep-10	FB-SW07 Sep-11	FB-SW08 Aug-04	FB-SW08 Aug-06	FB-SW08 Jun-08	FB-SW08 Sep-10	FB-SW08 Sep-11	Dup of FB-SW08 Sep-11	FB-SW09 Aug-04	FB-SW09 Aug-06	FB-SW09 Jun-08	FB-SW09 Sep-10	FB-SW09 Sep-11						
SVOCs	(units are in ug/l)																						
	HEXAChLOROCYCLOPENTADIENE	5.0	U	5.0	U	5.0	U	5	U	4.9	U	5.0	U	5.0	U	5	U						
	HEXAChLOROETHANE	5.0	U	5.0	U	5.0	U	5	U	4.9	U	5.0	U	5.0	U	5.0	U						
	INDENO(1,2,3-CD)PYRENE	5.0	U	5.0	U	5.0	U	5	U	4.9	U	5.0	U	5.0	U	5.0	U						
	ISOPHORONE	5.0	U	5.0	U	5.0	U	5	U	4.9	U	5.0	U	5.0	U	5.0	U						
	NAPHTHALENE	5.0	U	5.0	U	5.0	U	5	U	4.9	U	5.0	U	5.0	U	5.0	U						
	NITROBENZENE	5.0	U	5.0	U	5.0	U	5	U	4.9	U	5.0	U	5.0	U	5.0	U						
	N-NITROSO-DI-N-PROPYLAMINE	5.0	U	5.0	U	5.0	U	5	U	4.9	U	5.0	U	5.0	U	5.0	U						
	N-NITROSODIPHENYLAMINE(1)	5.0	U	5.0	U	5.0	U	10	U	9.8	U	5.0	U	5.0	U	10	U						
	PENTACHLOROPHENOL	5.0	U	5.0	U	5.0	U	10	U	9.8	U	5.0	U	5.0	U	10	U						
	PHENANTHRENE	5.0	U	5.0	U	5.0	U	5	U	4.9	U	5.0	U	5.0	U	5	U						
	PHENOLS	5.0	U	5.0	U	5.0	U	5	U	4.9	U	5.0	U	5.0	U	5	U						
	PYRENE	5.0	U	5.0	U	5.0	U	5	U	4.9	U	5.0	U	5.0	U	5	U						
PCBs	units are ug/l (ppb)																						
	AROCLOr-1016	0.20	U	0.20	U	0.20	U	1.0	U	0.91	U	0.20	U	0.20	U	1.0	U	0.95	U				
	AROCLOr-1221	0.40	U	0.40	U	0.40	U	1.0	U	0.91	U	0.40	U	0.40	U	1.0	U	0.95	U				
	AROCLOr-1232	0.20	U	0.20	U	0.20	U	1.0	U	0.91	U	0.20	U	0.20	U	1.0	U	0.95	U				
	AROCLOr-1242	0.20	U	0.20	U	0.20	U	1.0	U	0.91	U	0.20	U	0.20	U	1.0	U	0.95	U				
	AROCLOr-1248	0.23		0.24	P	0.2	U	1.0	U	0.91	U	0.17	J	0.25	P	0.2	U	1.0	U	0.95	U		
	AROCLOr-1254	0.047	J	0.20	U	0.20	U	1.0	U	0.91	U	0.20	U	0.20	U	1.0	U	0.95	U				
	AROCLOr-1260	0.20	U	0.20	U	0.20	U	1.0	U	0.91	U	0.20	U	0.20	U	1.0	U	0.95	U				
	AROCLOr-1262							1.0	U	0.91	U					1.0	U	0.95	U				
	AROCLOr-1268							1.0	U	0.91	U					1.0	U	0.95	U				
Metals	units are ug/l																						
	ALUMINUM	322		215		473		122	J	72.6	J	178	J	178	J	322		85.7	J	65.0	J		
	ANTIMONY	1.9	U	1.8	U	60	U	60.0	U	60.0	U	1.9	U	1.8	U	60	U	60.0	U	60.0	U		
	ARSENIC	2.1	U	2.8	U	10	U	10.0	U	10.0	U	2.1	U	2.8	U	10	U	10.0	U	10.0	U		
	BARIUM	63.1	J	52.2	J	60.5	J	64.2	J	53.3	J	56.5	J	47.9	J	70.7	J	58.3	J	50.0	J	58.4	J
	BERYLLIUM	0.10	U	0.40	U	5.00	U	5.0	U	5.0	U	0.10	U	0.40	U	5.00	U	5.0	U	5.0	U		
	CADMIUM	0.20	U	0.40	U	5.00	U	5.0	U	5.0	U	0.20	U	0.40	U	5.00	U	5.0	U	5.0	U		
	CALCIUM	58400		47600		60900		46900		50900		59700		46400		52400		45600		51700		53600	
	CHROMIUM	0.90	U	0.50	U	0.93	J	10.0	U	10.0	U	0.90	U	0.50	U	10.0	U	10.0	U	10.0	U		
	COBALT	0.50	U	1.40	J	50.00	U	50.0	U	50.0	U	0.50	U	1.20	J	50.00	U	50.0	U	50.0	U		
	COPPER	1.5	J	2.2	J	3.6	J	25.0	U	1.8	J	0.88	J	1.5	U	1.9	J	25.0	U	1.6	J	1.8	J
	IRON	729		593		1060		261		408	J	556		551		756		154		357	J	506	J
	LEAD	1.2	J	1.9	U	10	U	10.0	U	10.0	U	1.1	U	1.9	U	10	U	10.0	U	10.0	U	10.0	U
	MAGNESIUM	10700		8890		11500		11100		10100		10900		9040		10300		10800		10300		10500	
	MANGANESE	98.2		90.9		141		60.0		92.4		102		82.1		145		42.0		92.9		114	
	MERCURY	0.10	UJ	0.10	U	0.20	U	0.20	U	0.10	UJ	0.10	U	0.20	U	0.20	U	0.20	U	0.10	U	0.20	U
	NICKEL	2.3	J	1.1	U	2.5	J	40.0	U	2.3	J	2.0	J	1.1	U	3.1	J	40.0	U	2.4	J	2.4	J
	POTASSIUM	3080	J	2180	J	3090	JE	3110	J	2130	J	3040	J	2120	J	2960	JE	3040	J	2380	J	2370	J
	SELENIUM	2.4	U	2.2	U	35	U	35.0	U	35.0	U	2.4	U	2.2	U	35	U	35.0	U	35.0	U	35.0	U
	SILVER	0.80	U	0.30	U	10.00	U	10.0	U	1.4	J	0.80	U	0.30	U	10.00	U	10.0	U	0.87	J	10.0	U
	SODIUM	67000		58600		102000		69100		55700		67900		48900		96800		68600		65900		64200	
	THALLIUM	2.8	U	3.6	U	25	U	25.0	U	25.0	U	2.8	U	3.6	U	25	U	25.0	U	25.0	U	25.0	U
	VANADIUM	2.1	J	1.1	J	3.4	J	1.2	J	50.0	U	1.7	J	1.1	J	2.6	J	0.96	J	50.0	U	50.0	U
	ZINC	4.2	J	5.5	J	10.1	J	60	U	60.0	U	4.1	J	6.7	J	9.1	J	60.0	U	60.0	U	6.8	J
	CYANIDE	1.1	U	1.2	U			10.0	U	3.3	J	1.1	U	1.2	U			10.0	U	10.0	U	1.2	U

Notes U = Analyte was analyzed for but not detected
 J = Analyte was analyzed for and the result is reported

N = Indicated sample spike recovery was
 * = This flag is used for duplicate analysis

FIELDS BROOK

TABLE 3 - SUMMARY OF ANALYTICAL RESULTS FOR SURFACE WATER SAMPLES

Analysis	List of Compounds	FB-SW10 Aug-04	FB-SW10 Aug-06	FB-SW10 Jun-08	FB-SW10 Sep-10	FB-SW10 Sep-11	FB-SW11 Aug-04	FB-SW11 Aug-06	FB-SW11 Jun-08	FB-SW11 Sep-10	FB-SW11 Sep-11	FB-SW12 Aug-04	FB-SW12 Aug-06	FB-SW12 Jun-08	FB-SW12 Sep-10	FB-SW12 Sep-11		
VOCs	(units are in ug/l)																	
	1,1,1-TRICHLOROETHANE	0.50	U	0.5	U	0.50	U	6.3	U									
	1,1,2,2-TETRACHLOROETHANE	2.7		1.2		1.1		0.26	J	0.6		0.25	J	0.44	J	1.4		
	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.50	U	0.23	J	0.5	U	0.5	U	0.50	U	0.5	U	0.50	U	6.3	U	
	1,1,2-TRICHLOROETHANE	0.36	J	0.5	U	0.5	U	0.5	U	0.50	U	0.11	J	0.5	U	0.25	J	
	1,1-DICHLOROETHANE	0.50	U	0.5	U	0.5	U	0.5	U	0.50	U	0.5	U	0.50	U	6.3	U	
	1,1-DICHLOROETHENE	0.19	J	0.17	J	0.5	U	0.5	U	0.50	U	0.63	U	0.5	U	0.17	J	
	1,2,3-TRICHLOROBENZENE	0.50	U	0.5	U	0.5	U	0.5	U	0.50	U	0.63	U	0.5	U	0.50	U	
	1,2,4-TRICHLOROBENZENE	0.50	U	0.5	U	0.5	U	0.5	U	0.50	U	0.63	U	0.5	U	0.50	U	
	1,2-DIBROMO-3-CHLOROPROPANE	0.50	U	0.5	U	0.5	U	0.5	U	0.50	U	0.63	U	0.5	U	0.50	U	
	1,2-DIBROMOETHANE	0.50	U	0.5	U	0.5	U	0.5	U	0.50	U	0.63	U	0.5	U	0.50	U	
	1,2-DICHLOROBENZENE	0.50	U	0.5	U	0.5	U	0.5	U	0.50	U	0.63	U	0.5	U	0.50	U	
	1,2-DICHLOROETHANE	0.50	U	0.5	U	0.5	U	0.5	U	0.50	U	0.63	U	0.5	U	0.50	U	
	1,2-DICHLOROPROPANE	0.50	U	0.5	U	0.5	U	0.5	U	0.50	U	0.63	U	0.5	U	0.50	U	
	1,3-DICHLOROBENZENE	0.50	U	0.5	U	0.5	U	0.5	U	0.50	U	0.63	U	0.5	U	0.50	U	
	1,4-DICHLOROBENZENE	0.50	U	0.5	U	0.5	U	0.5	U	0.50	U	0.63	U	0.5	U	0.50	U	
	2-BUTANONE	3.5	J	5	U	5	U	5	U	5.0	U	3.9	J	63	U	5	U	
	2-HEXANONE	5.0	U	5	U	5	U	5	U	5.0	U	5.0	U	5	U	5	U	
	4-METHYL-2-PENTANONE	5.0	U	5	U	5	U	5	U	5.0	U	5.0	U	5	U	5	U	
	ACETONE	R	690	J	5	U	5	U	5.0	U	8.4		810		5	U	5	J
	BENZENE	0.073	J	0.5	U	0.5	U	0.5	U	0.50	U	6.3	U	0.5	U	0.50	U	
	BROMOCHLOROMETHANE	0.50	U	1.4		0.5	U	0.5	U	0.50	U	6.3	U	0.5	U	0.50	U	
	BROMODICHLOROMETHANE	0.50	U	0.5	U	0.5	U	0.5	U	0.50	U	6.3	U	0.5	U	0.50	U	
	BROMOFORM	0.50	U	0.5	U	0.5	U	0.5	U	0.50	U	2	JB	0.5	U	0.50	U	
	BROMOMETHANE	0.50	U	0.5	U	0.5	U	0.5	U	0.50	U	6.3	U	0.5	U	0.50	U	
	CARBON DISULFIDE	0.50	U	0.5	U	0.5	U	0.5	U	0.50	U	6.3	U	0.5	U	0.50	U	
	CARBON TETRACHLORIDE	0.50	U	0.5	U	0.5	U	0.5	U	0.50	U	6.3	U	0.5	U	0.50	U	
	CHLOROBENZENE	0.16	JB	0.5	U	0.98		0.5	U	0.5	U	0.50	U	6.3	U	0.99	0.5	
	CHLOROETHANE	0.50	U	0.5	U	0.5	U	0.5	U	0.50	U	6.3	U	0.5	U	0.50	U	
	CHLOROFORM	0.50	U	3.4		0.5	U	0.5	U	0.50	U	3.5	J	0.5	U	0.50	U	
	CHLORMETHANE	0.089	J	0.5	U	0.12	J	0.5	U	0.5	U	0.11	JB	6.3	U	0.5	U	
	CIS-1,2-DICHLOROETHENE	9.6		8.4		5.1		5.3		7.5		0.50	U	7.4		3.9		
	CIS-1,3-DICHLOROPROPENE	0.087	JB	0.5	U	0.5	U	0.5	U	0.083	JB	6.3	U	0.5	U	0.085	JB	
	CYCLOXANE	0.50	U	0.5	U	0.5	U	0.5	U	0.50	U	6.3	U	0.5	U	0.50	U	
	DIBROMOCHLOROMETHANE	0.50	U	0.53		0.5	U	0.5	U	0.50	U	6.3	U	0.5	U	0.50	U	
	DICHLORODIFLUOROMETHANE	0.50	U	0.5	U	0.5	U	0.5	U	0.50	U	6.3	U	0.5	U	0.50	U	
	ETHYLBENZENE	0.50	U	0.5	U	0.5	U	0.5	U	0.50	U	6.3	U	0.5	U	0.50	U	
	ISOPROPYLBENZENE	0.50	U	0.5	U	0.5	U	0.5	U	0.50	U	6.3	U	0.5	U	0.50	U	
	METHYL ACETATE	0.50	U	0.5	U	0.5	U	0.5	U	0.50	U	6.3	U	0.5	U	0.50	U	
	METHYLCYCLOHEXANE	0.50	U	0.5	U	0.5	U	0.5	U	0.50	U	6.3	U	0.5	U	0.50	U	
	METHYLENE CHLORIDE	0.37	JB	0.5	U	0.53	UJ	0.5	U	0.5	U	0.25	JB	6.3	U	0.5	U	
	METHYL-T-BUTYL ETHER	0.50	U	0.5	U	0.5	U	0.58	U	0.5	U	0.50	U	6.3	U	0.5	U	
	STYRENE	0.50	U	0.5	U	0.5	U	0.5	U	0.50	U	6.3	U	0.5	U	0.50	U	
	TETRACHLOROETHENE	5.3		2.8		1.7		0.88		2.2		0.50	U	2.7	J	1.7		
	TOLUENE	0.29	JB	0.5	U	0.5	U	0.5	U	0.57	B	6.3	U	0.5	U	0.33	JB	
	TRANS-1,2-DICHLOROETHENE	0.2	J	0.16	J	0.5	U	0.5	U	0.50	U	6.3	U	0.5	U	0.082	J	
	TRANS-1,3-DICHLOROPROPENE	0.50	U	0.5	U	0.5	U	0.5	U	0.50	U	6.3	U	0.5	U	0.50	U	
	TRICHLOROETHENE	8.4		6.2		5.2		1.6		4.2		0.50	U	6.2	J	4.8		
	TRICHLOROFLUOROMETHANE	0.50	U	0.5	U	0.5	U	0.5	U	0.50	U	6.3	U	0.5	U	0.50	U	
	VINYL CHLORIDE	1.4		2.2		0.65		1.4		1.6		0.50	U	6.3	U	0.56		
	XYLENE (TOTAL)	0.50	U	0.5	U	1.5	U			0.5	U	0.50	U	6.3	U	1.5	U	

FIELDS BROOK

TABLE 3 - SUMMARY OF ANALYTICAL RESULTS FOR SURFACE WATER SAMPLES

Analysis	List of Compounds	FB-SW10 Aug-04	FB-SW10 Aug-06	FB-SW10 Jun-08	FB-SW10 Sep-10	FB-SW10 Sep-11	FB-SW11 Aug-04	FB-SW11 Aug-06	FB-SW11 Jun-08	FB-SW11 Sep-10	FB-SW11 Sep-11	FB-SW12 Aug-04	FB-SW12 Aug-06	FB-SW12 Jun-08	FB-SW12 Sep-10	FB-SW12 Sep-11
SVOCs	(units are in ug/l)															
1,1'-BIPHENYL	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
2,2'-OXYBIS(1-CHLOROPROPANE)	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
2,4,5-TRICHLOROPHENOL	20 U 20 U 20 U 5.3 U 5.0 U 20 U 20 U 20 U 20 U 20 U 5.6 U 4.9 U 20 U 20 U 20 U 20 U															
2,4,6-TRICHLOROPHENOL	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
2,4-DICHLOROPHENOL	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
2,4-DIMETHYLPHENOL	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
2,4-DINITROPHENOL	20 U 20 U 20 U 11 U 10 U 20 U 20 U 20 U 20 U 11 U 9.7 U 20 U 20 U 20 U 20 U 11 U															
2,4-DINITROTOLUENE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
2,6-DINITROTOLUENE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
2-CHLORONAPHTHALENE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
2-CHLOROPHENOL	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
2-METHYLNAPHTHALENE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
2-METHYLPHENOL	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
2-NITROANILINE	20 U 20 U 20 U 11 U 10 U 20 U 20 U 20 U 20 U 11 U 9.7 U 20 U 20 U 20 U 20 U 11 U															
2-NITROPHENOL	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
3,3'-DICHLOROBENZIDINE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
3-NITROANILINE	20 U 20 U 20 U 11 U 10 U 20 U 20 U 20 U 20 U 11 U 9.7 U 20 U 20 U 20 U 20 U 11 U															
4,6-DINITRO-2-METHYLPHENOL	20 U 20 U 20 U 11 U 10 U 20 U 20 U 20 U 20 U 11 U 9.7 U 20 U 20 U 20 U 20 U 11 U															
4-BROMOPHENYL PHENYL ETHER	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
4-CHLORO-3-METHYLPHENOL	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
4-CHLOROANILINE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
4-CHLOROPHENYL PHENYL ETHER	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
4-METHYLPHENOL	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
4-NITROANILINE	20 U 20 U 20 U 11 U 10 U 20 U 20 U 20 U 20 U 11 U 9.7 U 20 U 20 U 20 U 20 U 11 U															
4-NITROPHENOL	20 U 20 U 20 U 11 U 10 U 20 U 20 U 20 U 20 U 11 U 9.7 U 20 U 20 U 20 U 20 U 11 U															
ACENAPHTHENE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
ACENAPHTHYLENE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
ACETOPHENONE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
ANTHRACENE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
ATRAZINE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
BENZALDEHYDE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
BENZO(A)ANTHRACENE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
BENZO(A)PYRENE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
BENZO(B)FLUORANTHENE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
BENZO(G,H,I)PERYLENE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
BENZO(K)FLUORANTHENE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
BIS(2-CHLOROETHOXY)METHANE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
BIS(2-CHLOROETHYL)ETHER	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
BIS(2-ETHYLHEXYL)PHTHALATE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
BUTYL BENZYL PHTHALATE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
CAPROLACTAM	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
CHRYSENE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
DIBENZO(A,H)ANTHRACENE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
DIBENZOFURAN	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
DIETHYL PHTHALATE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
DIMETHYL PHTHALATE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
DI-N-BUTYL PHTHALATE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
DI-N-OCTYL PHTHALATE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
FLUORANTHENE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
FLUORENE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
HEXAChLOROBENZENE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															
HEXAChLOROBUTADIENE	5.0 U 5.0 U 5.0 U 5.3 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.0 U 5.6 U 4.9 U 5.0 U 5.0 U 5.0 U 5.0 U															

FIELDS BROOK
TABLE 3 - SUMMARY OF ANALYTICAL RESULTS FOR SURFACE WATER SAMPLES

Analysis	List of Compounds	FB-SW10 Aug-04	FB-SW10 Aug-06	FB-SW10 Jun-08	FB-SW10 Sep-10	FB-SW10 Sep-11	FB-SW11 Aug-04	FB-SW11 Aug-06	FB-SW11 Jun-08	FB-SW11 Sep-10	FB-SW11 Sep-11	FB-SW12 Aug-04	FB-SW12 Aug-06	FB-SW12 Jun-08	FB-SW12 Sep-10	FB-SW12 Sep-11															
SVOCs	(units are in ug/l)																														
	HEXAChLOROCYCLOPENTADIENE	5.0	U	5.0	U	5.0	U	5.3	U	5.0	U	5.0	U	5.6	U	4.9	U														
	HEXAChLOROETHANE	5.0	U	5.0	U	5.0	U	5.3	U	5.0	U	5.0	U	5.6	U	5.0	U														
	INDENO(1,2,3-CD)PYRENE	5.0	U	5.0	U	5.0	U	5.3	U	5.0	U	5.0	U	5.6	U	5.6	U														
	ISOPHORONE	5.0	U	5.0	U	5.0	U	5.3	U	5.0	U	5.0	U	5.6	U	5.6	U														
	NAPHTHALENE	5.0	U	5.0	U	5.0	U	5.3	U	5.0	U	5.0	U	5.6	U	5.6	U														
	NITROBENZENE	5.0	U	5.0	U	5.0	U	5.3	U	5.0	U	5.0	U	5.6	U	5.6	U														
	N-NITROSO-DI-N-PROPYLAMINE	5.0	U	5.0	U	5.0	U	5.3	U	5.0	U	5.0	U	5.6	U	5.6	U														
	N-NITROSODIPHENYLAMINE(1)	5.0	U	5.0	U	5.0	U	5.3	U	5.0	U	5.0	U	5.6	U	5.6	U														
	PENTACHLOROPHENOL	5.0	U	5.0	U	5.0	U	11	U	10	U	5.0	U	5.6	U	11	U														
	PHENANTHRENE	5.0	U	5.0	U	5.0	U	5.3	U	5.0	U	5.0	U	5.6	U	5.6	U														
	PHENOLS	5.0	U	5.0	U	5.0	U	5.3	U	5.0	U	5.0	U	5.6	U	5.6	U														
	PYRENE	5.0	U	5.0	U	5.0	U	5.3	U	5.0	U	5.0	U	5.6	U	5.6	U														
PCBs	units are ug/l (ppb)																														
	AROCLOR-1016	0.20	U	0.20	U	0.20	U	1.1	U	0.98	U	0.20	U	0.20	U	0.20	U														
	AROCLOR-1221	0.40	U	0.40	U	0.40	U	1.1	U	0.98	U	0.40	U	0.40	U	0.40	U														
	AROCLOR-1232	0.20	U	0.20	U	0.20	U	1.1	U	0.98	U	0.20	U	0.20	U	0.20	U														
	AROCLOR-1242	0.20	U	0.20	U	0.20	U	1.1	U	0.98	U	0.20	U	0.20	U	0.20	U														
	AROCLOR-1248	0.18	J	0.21	U	0.2	U	1.1	U	0.98	U	0.20	U	0.20	U	0.20	U														
	AROCLOR-1254	0.20	U	0.20	U	0.20	U	1.1	U	0.98	U	0.20	U	0.20	U	0.20	U														
	AROCLOR-1260	0.20	U	0.20	U	0.20	U	1.1	U	0.98	U	0.20	U	0.20	U	0.20	U														
	AROCLOR-1262							1.1	U	0.98	U					1.1	U	0.97	U												
	AROCLOR-1268							1.1	U	0.98	U					1.1	U	0.97	U												
Metals	units are ug/l																														
	ALUMINUM	796		194	J	306		163	J	200	U	127	J	1120		263		214		200.0	U										
	ANTIMONY	2.1	J	1.8	U	60	U	60.0	U	60.0	U	1.9	U	1.8	U	60	U	60.0	U	60.0	U										
	ARSENIC	7.4	J	2.8	U	10	U	10.0	U	10.0	U	2.1	U	2.9	J	10	U	10.0	U	10.0	U										
	BARIUM	63.2	J	41.8	J	62.1	J	39.8	J	48.9	J	59.1	J	66.5	J	48.8	J	39.6	J	43.3	J	58.0	J								
	BERYLLIUM	0.10	U	0.40	U	5.00	U	5.0	U	5.0	U	0.10	U	0.40	U	0.17	J	5.0	U	0.10	U	0.40	U								
	CADMIUM	0.20	U	0.40	U	5.00	U	5.0	U	5.0	U	0.20	U	0.40	U	5.00	U	5.0	U	5.0	U	5.0	U								
	CALCIUM	18800	43900	64400		37800		46100		58500		45600		50800		38200		44100		58700		44200		50500							
	CHROMIUM	1.8	J	0.50	U	10.0	U	10.0	U	10.0	U	0.90	U	0.50	U	10.0	U	10.0	U	0.90	U	0.50	U								
	COBALT	1.8	J	1.30	J	50.00	U	50.0	U	50.0	U	0.50	U	2.80	J	50.00	U	50.0	U	50.0	U	50.0	U	50.0	U						
	COPPER	3.9	J	1.7	J	2.5	J	25.0	U	2.2	J	0.78	J	4.6	J	1.7	J	25.0	U	1.9	J	0.6	U	1.5	J						
	IRON	5370		563	790	208		346	J	513		2570		651		379		363	J	550		557		548		255		350	J		
	LEAD	3.2	J	1.9	U	10	U	10.0	U	10.0	U	1.1	U	2.7	J	10	U	10.0	U	1.1	U	1.9	J	10	U	10.0	U	10.0	U		
	MAGNESIUM	3020	J	9090	12900		9810		9940		10600		9720		10200		9750		10000		10700		9180		10100		9770		9820		
	MANGANESE	959		83.6	191		26.0		33.1		184		197		179		34.9		35.3		182		73.9		159		23.0		30.7		
	MERCURY	0.11	J	0.10	U	0.20	U	0.20	U	0.20	U	0.10	UJ	0.15	J	0.20	U	0.20	U	0.20	U	0.10	J	0.10	U	0.20	U	0.20	U		
	NICKEL	2.8	J	1.1	U	3.8	J	40.0	U	40.0	U	1.9	J	1.3	J	2.6	J	40.0	U	2.4	J	2.1	J	1.1	U	2.8	J	40.0	U	2.0	J
	POTASSIUM	3490	J	1940	J	3770	JE	2310	J	2050	J	3210	J	2160	J	2900	JE	2280	J	2110	J	3240	J	1980	J	2800	JE	2280	J	2020	J
	SELENIUM	2.4	U	2.2	U	35	U	35.0	U	35.0	U	2.4	U	2.2	U	35	U	35.0	U	35.0	U	2.4	U	2.2	U	35	U	35.0	U	35.0	U
	SILVER	0.80	U	0.30	U	10.00	U	10.0	U	10.0	U	0.80	U	0.30	U	10.00	U	10.0	U	10.0	U	0.80	U	0.30	U	10.00	U	10.0	U		
	SODIUM	39600		39000		120000		31600		49600		55100		40100		94200		30900		50400		57000		39600		92500		31100		47900	
	THALLIUM	2.8	U	3.6	U	25	U	25.0	U	25.0	U	2.8	U	3.6	U	25	U	25.0	U	25.0	U	2.8	U	3.6	U	25	U	25.0	U	25.0	U
	VANADIUM	3.0	J	1.4	J	3.3	J	1.0	J	50.0	U	2.0	J	7.0	J	2.6	J	1.0	J	1.8	J	1.8	J	1.2	J	2.2	J	50.0	U	50.0	U
	ZINC	11.2	J	6.7	J	7.8	J	60	U	60.0	U	4.1	J	17.1	J	7.1	J	60	U	4.0	J	4.8	J	5.3	J	6.3	J	60	U	60.0	U
	CYANIDE	1.1	U	1.2	U			10.0	U	2.3	J	1.1	U	1.2	U			10.0	U	3.9	J	1.1	U	1.2	U			10.0	U	10.0	U

Notes U = Analyte was analyzed for but not detected
 J = Analyte was analyzed for and the re

N = Indicated sample spike recovery w:
 * = This flag is used for duplicate analy:

FIELDS BROOK
TABLE 3 - SUMMARY OF ANALYTICAL RESULTS FOR SURFACE WATER SAMPLES

Analysis	List of Compounds	FB-SW13 Aug-04	FB-SW13 Aug-06	FB-SW13 Jun-08	FB-SW13 Sep-10	FB-SW13 Sep-11	FB-SW14 Aug-04	FB-SW14 Aug-06	FB-SW14 Jun-08	FB-SW14 Sep-10	FB-SW14 Sep-11	FB-SW15 Aug-04	FB-SW15 Aug-06	FB-SW15 Jun-08	FB-SW15 Sep-10	FB-SW15 Sep-11
VOCs (units are in ug/l)																
1,1,1-TRICHLOROETHANE	0.50 U 0.5 U	not sampled	0.5 U 0.5 U	0.50 U 13 U			not sampled	0.5 U 0.5 U	0.50 U 13 U			not sampled	0.5 U 0.5 U	0.5 U 0.5 U		
1,1,2,2-TETRACHLOROETHANE	1.7 U 1.4 U		0.29 J 0.6 U	0.14 J 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.5 U 0.5 U		
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.50 U 0.35 J		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.5 U 0.5 U		
1,1,2-TRICHLOROETHANE	0.24 J 0.5 U		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.5 U 0.5 U		
1,1-DICHLOROETHANE	0.50 U 0.5 U		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.5 U 0.5 U		
1,1-DICHLOROETHENE	0.24 JB 0.5 U		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.5 U 0.5 U		
1,2,3-TRICHLOROBENZENE	0.50 U 0.5 U		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.5 U 0.5 U		
1,2,4-TRICHLOROBENZENE	0.50 U 0.5 U		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.5 U 0.5 U		
1,2-DIBROMO-3-CHLOROPROPANE	0.50 U 0.5 U		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.5 U 0.5 U		
1,2-DIBROMOETHANE	0.50 U 0.5 U		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.5 U 0.5 U		
1,2-DICHLOROBENZENE	0.50 U 0.5 U		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.5 U 0.5 U		
1,2-DICHLOROETHANE	0.50 U 0.5 U		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.5 U 0.5 U		
1,2-DICHLOROPROPANE	0.50 U 0.5 U		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.5 U 0.5 U		
1,3-DICHLOROBENZENE	0.50 U 0.5 U		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.5 U 0.5 U		
1,4-DICHLOROBENZENE	0.50 U 0.5 U		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.5 U 0.5 U		
2-BUTANONE	2.8 J 5 U		5 U 5.0 U	2.8 J 130 U				5 U 5.0 U	3.2 J 130 U				5 U 5.0 U	5 U 5.0 U		
2-HEXANONE	5.0 U 5 U		5 U 5.0 U	5.0 U 130 U				5 U 5.0 U	5.0 U 130 U				5 U 5.0 U	5 U 5.0 U		
4-METHYL-2-PENTANONE	5.0 U 5 U		5 U 5.0 U	5.0 U 130 U				5 U 5.0 U	5.0 U 130 U				5 U 5.0 U	5 U 5.0 U		
ACETONE	26 1100 J		5 U 5.0 U	17 1600				5 U 5.0 U	4.1 J 1700				5 U 14			
BENZENE	0.1 J 0.5 U		0.5 U 0.5 U	0.12 J 13 U				0.5 U 0.5 U	0.15 J 13 U				0.5 U 0.5 U			
BROMOCHLOROMETHANE	0.50 U 0.5 U		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U			
BROMODICHLOROMETHANE	0.50 U 1.8		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U			
BROMOFORM	0.057 JB 0.3 JB		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.1 JB 13 U				0.5 U 0.5 U			
BROMOMETHANE	0.50 U 0.5 U		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U			
CARBON DISULFIDE	0.50 U 0.5 U		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U			
CARBON TETRACHLORIDE	0.50 U 0.5 U		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U			
CHLOROBENZENE	0.38 J 0.5 U		0.5 U 0.5 U	0.43 J 13 U				0.5 U 0.5 U	0.59 J 13 U				0.5 U 0.5 U			
CHLOROETHANE	0.50 U 0.5 U		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U			
CHLOROFORM	0.50 U 4.1		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.032 J 13 U				0.5 U 0.5 U			
CHLOROMETHANE	0.50 U 0.5 U		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U			
CIS-1,2-DICHLOROETHENE	11 11		7.7 7.7	0.94 13 U				0.23 J 1.3	0.26 J 13 U				0.18 J 1.3			
CIS-1,3-DICHLOROPROPENE	0.076 JB 0.5 U		0.5 U 0.5 U	0.083 JB 13 U				0.5 U 0.5 U	0.077 JB 13 U				0.5 U 0.5 U			
CYCLOHEXANE	0.50 U 0.5 U		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U			
DIBROMOCHLOROMETHANE	0.50 U 0.67		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U			
DICHLORODIFLUOROMETHANE	0.50 U 0.5 U		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U			
ETHYLBENZENE	0.50 U 0.5 U		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U			
ISOPROPYLBENZENE	0.50 U 0.5 U		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U			
METHYL ACETATE	0.50 U 0.5 U		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U			
METHYLCYCLOHEXANE	0.50 U 0.5 U		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U			
METHYLENE CHLORIDE	0.46 JB 0.29 J		0.5 U 0.5 U	0.48 JB 13 U				0.5 U 0.5 U	0.45 JB 13 U				0.5 U 0.5 U			
METHYL-T-BUTYL ETHER	0.50 U 0.5 U		0.55 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U			
STYRENE	0.50 U 0.5 U		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U			
TETRACHLOROETHENE	3.7 2.9		1.2 2.4	0.19 J 13 U				0.5 U 0.5 U	0.15 J 13 U				0.5 U 0.079 J			
TOLUENE	0.27 JB 0.5 U		0.5 U 0.5 U	0.28 JB 13 U				0.5 U 0.5 U	0.26 JB 13 U				0.5 U 0.5 U			
TRANS-1,2-DICHLOROETHENE	0.2 J 0.2 J		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U			
TRANS-1,3-DICHLOROPROPENE	0.50 U 0.5 U		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5 U			
TRICHLOROETHENE	7.5 7.4		2.4 5.1	1.0 13 U				0.5 U 1.5	0.17 J 13 U				0.5 U 1.3			
TRICHLOROFLUOROMETHANE	0.50 U 0.5 U		0.5 U 0.5 U	0.50 U 13 U				0.5 U 0.5	0.50 U 13 U				0.5 U 0.5 U			
VINYL CHLORIDE	1.3 2.3		1.7 1.2	0.2 J 13 U				0.5 U 0.5	0.068 J 13 U				0.5 U 0.5 U			
XYLENE (TOTAL)	0.50 U 0.5 U			0.5 U 0.50 U 13 U					0.5 U 0.50 U 13 U					0.5 U		

FIELDS BROOK
TABLE 3 - SUMMARY OF ANALYTICAL RESULTS FOR SURFACE WATER SAMPLES

Analysis	List of Compounds	FB-SW13 Aug-04	FB-SW13 Aug-06	FB-SW13 Jun-08	FB-SW13 Sep-10	FB-SW13 Sep-11	FB-SW14 Aug-04	FB-SW14 Aug-06	FB-SW14 Jun-08	FB-SW14 Sep-10	FB-SW14 Sep-11	FB-SW15 Aug-04	FB-SW15 Aug-06	FB-SW15 Jun-08	FB-SW15 Sep-10	FB-SW15 Sep-11
SVOCs	(units are in ug/l)															
1,1'-BIPHENYL	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U		not sampled	5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U		not sampled	5.1 U 4.8 U
2,2'-OXYBIS(1-CHLOROPROPANE)	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U		not sampled	5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U		not sampled	5.1 U 4.8 U
2,4,5-TRICHLOROPHENOL	20 U 20 U					5.3 U 4.9 U	20 U 20 U	20 U 20 U			5.4 U 5.0 U	20 U 20 U	20 U 20 U			5.1 U 4.8 U
2,4,6-TRICHLOROPHENOL	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
2,4-DICHLOROPHENOL	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
2,4-DIMETHYLPHENOL	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
2,4-DINITROPHENOL	20 U 20 U					11 U 9.8 U	20 U 20 U	20 U 20 U			11 U 10 U	20 U 20 U	20 U 20 U			10 U 9.5 U
2,4-DINITROTOLUENE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
2,6-DINITROTOLUENE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
2-CHLORONAPHTHALENE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
2-CHLOROPHENOL	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
2-METHYLNAPHTHALENE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
2-METHYLPHENOL	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
2-NITROANILINE	20 U 20 U					11 U 9.8 U	20 U 20 U	20 U 20 U			11 U 10 U	20 U 20 U	20 U 20 U			10 U 9.5 U
2-NITROPHENOL	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
3,3'-DICHLOROBENZIDINE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
3-NITROANILINE	20 U 20 U					11 U 9.8 U	20 U 20 U	20 U 20 U			11 U 10 U	20 U 20 U	20 U 20 U			10 U 9.5 U
4,6-DINITRO-2-METHYLPHENOL	20 U 20 U					11 U 9.8 U	20 U 20 U	20 U 20 U			11 U 10 U	20 U 20 U	20 U 20 U			10 U 9.5 U
4-BROMOPHENYL PHENYL ETHER	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
4-CHLORO-3-METHYLPHENOL	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
4-CHLOROANILINE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
4-CHLOROPHENYL PHENYL ETHER	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
4-METHYLPHENOL	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
4-NITROANILINE	20 U 20 U					11 U 9.8 U	20 U 20 U	20 U 20 U			11 U 10 U	20 U 20 U	20 U 20 U			10 U 9.5 U
4-NITROPHENOL	20 U 20 U					11 U 4.9 U	20 U 20 U	20 U 20 U			11 U 10 U	20 U 20 U	20 U 20 U			10 U 9.5 U
ACENAPHTHENE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
ACENAPHTHYLENE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
ACETOPHENONE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
ANTHRACENE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
ATRAZINE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
BENZALDEHYDE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
BENZO(A)ANTHRACENE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
BENZO(A)PYRENE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
BENZO(B)FLUORANTHENE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
BENZO(G,H,I)PERYLENE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
BENZO(K)FLUORANTHENE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
BIS(2-CHLOROETHOXY)METHANE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
BIS(2-CHLOROETHYL)ETHER	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
BIS(2-ETHYLHEXYL)PHTHALATE	5.0 U 5.0 U					5.8 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.6 U 6.0	7.6	5.0 U			6.0 U 4.8 U
BUTYL BENZYL PHTHALATE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
CAPROLACTAM	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
CHRYSENE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
DIBENZO(A,H)ANTHRACENE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
DIBENZOFURAN	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
DIETHYL PHTHALATE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
DIMETHYL PHTHALATE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
DI-N-BUTYL PHTHALATE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
DI-N-OCTYL PHTHALATE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
FLUORANTHENE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
FLUORENE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
HEXAChLOROBENZENE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U
HEXAChLOROBUTADIENE	5.0 U 5.0 U					5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U			5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U			5.1 U 4.8 U

FIELDS BROOK
TABLE 3 - SUMMARY OF ANALYTICAL RESULTS FOR SURFACE WATER SAMPLES

Analysis	List of Compounds	FB-SW13 Aug-04	FB-SW13 Aug-06	FB-SW13 Jun-08	FB-SW13 Sep-10	FB-SW13 Sep-11	FB-SW14 Aug-04	FB-SW14 Aug-06	FB-SW14 Jun-08	FB-SW14 Sep-10	FB-SW14 Sep-11	FB-SW15 Aug-04	FB-SW15 Aug-06	FB-SW15 Jun-08	FB-SW15 Sep-10	FB-SW15 Sep-11
SVOCs (units are in ug/l)																
HEXACHLOROCYCLOPENTADIENE	5.0 U 5.0 U	not sampled	5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U	not sampled	5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U	not sampled	5.1 U 4.8 U	4.8 U		
HEXAChloroETHANE	5.0 U 5.0 U		5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U		5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U		5.1 U 4.8 U			
INDENO(1,2,3-CD)PYRENE	5.0 U 5.0 U		5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U		5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U		5.1 U 4.8 U			
ISOPHORONE	5.0 U 5.0 U		5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U		5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U		5.1 U 4.8 U			
NAPHTHALENE	5.0 U 5.0 U		5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U		5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U		5.1 U 4.8 U			
NITROBENZENE	5.0 U 5.0 U		5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U		5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U		5.1 U 4.8 U			
N-NITROSO-DI-N-PROPYLAMINE	5.0 U 5.0 U		5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U		5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U		5.1 U 4.8 U			
N-NITROSODIPHENYLAMINE(1)	5.0 U 5.0 U		5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U		5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U		5.1 U 4.8 U			
PENTACHLOROPHENOL	5.0 U 5.0 U		11 U 9.8 U	5.0 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U		11 U 10 U	5.0 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U		10 U 9.5 U			
PHENANTHRENE	5.0 U 5.0 U		5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U		5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U		5.1 U 4.8 U			
PHENOLS	5.0 U 5.0 U		5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U		5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U		5.1 U 4.8 U			
PYRENE	5.0 U 5.0 U		5.3 U 4.9 U	5.0 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U		5.4 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U	5.0 U 5.0 U		5.1 U 4.8 U			
PCBs <i>units are ug/l (ppb)</i>																
AROCLOr-1016	0.20 U 0.20 U	not sampled	1.1 U 0.97 U	0.20 U 0.20 U	0.20 U 0.20 U	0.20 U 0.20 U	not sampled	1.1 U 1.0 U	0.20 U 0.20 U	0.20 U 0.20 U	0.20 U 0.20 U	not sampled	1.1 U 1.0 U	1.0 U		
AROCLOr-1221	0.40 U 0.40 U	not sampled	1.1 U 0.97 U	0.40 U 0.40 U	0.40 U 0.40 U	0.40 U 0.40 U	not sampled	1.1 U 1.0 U	0.40 U 0.40 U	0.40 U 0.40 U	0.40 U 0.40 U	not sampled	1.1 U 1.0 U	1.0 U		
AROCLOr-1232	0.20 U 0.20 U		1.1 U 0.97 U	0.20 U 0.20 U	0.20 U 0.20 U	0.20 U 0.20 U		1.1 U 1.0 U	0.20 U 0.20 U	0.20 U 0.20 U	0.20 U 0.20 U		1.1 U 1.0 U			
AROCLOr-1242	0.20 U 0.20 U		1.1 U 0.97 U	0.20 U 0.20 U	0.20 U 0.20 U	0.20 U 0.20 U		1.1 U 1.0 U	0.20 U 0.20 U	0.20 U 0.20 U	0.20 U 0.20 U		1.1 U 1.0 U			
AROCLOr-1248	0.20 U 0.22 U		1.1 U 0.97 U	0.20 U 0.20 U	0.15 JP			1.1 U 1.0 U	0.20 U 0.20 U	0.20 U 0.20 U	0.20 U 0.20 U		1.1 U 1.0 U			
AROCLOr-1254	0.20 U 0.20 U		1.1 U 0.97 U	0.20 U 0.20 U	0.20 U 0.20 U	0.20 U 0.20 U		1.1 U 1.0 U	0.20 U 0.20 U	0.20 U 0.20 U	0.20 U 0.20 U		1.1 U 1.0 U			
AROCLOr-1260	0.20 U 0.20 U		1.1 U 0.97 U	0.20 U 0.20 U	0.20 U 0.20 U	0.20 U 0.20 U		1.1 U 1.0 U	0.20 U 0.20 U	0.20 U 0.20 U	0.20 U 0.20 U		1.1 U 1.0 U			
AROCLOr-1262								1.1 U 1.0 U						1.1 U 1.0 U		
AROCLOr-1268								1.1 U 1.0 U						1.1 U 1.0 U		
Metals <i>units are ug/l</i>																
ALUMINUM	115 J 291	not sampled	163 J 33.8	J 121 J 121	J 121 J 121	J 121 J 121	not sampled	215	J 54.0	J 114 J 157	J 114 J 157	J 114 J 157	not sampled	257	J 158	J
ANTIMONY	1.9 U 1.8 U	sampled	60.0 U 60.0	U 60.0 U 60.0	U 60.0 U 60.0	U 60.0 U 60.0	sampled	60.0 U 60.0	U 2.5 J 1.8 U	sampled	60.0 U 60.0	U 60.0 U				
ARSENIC	2.1 J 2.8 U		10.0 U 10.0 U	U 2.1 U 2.8 U	U 2.1 U 2.8 U	U 2.1 U 2.8 U		10.0 U 10.0 U	U 2.1 U 2.8 U	U 2.1 U 2.8 U	U 2.1 U 2.8 U		10.0 U 10.0 U	U 10.0 U		
BARIUM	60.9 J 40.4 J		36.0 J 42.1	J 57.3 J 48.5	J 48.5 J 35.5	J 35.5 J 39.2	J 39.2	J 72 J 72	J 72 J 48.8	J 48.8 J	J 48.8 J	J 48.8 J		31.5 J	46.8 J	
BERYLLIUM	0.10 U 0.40 U		5.0 U 5.0 U	U 0.10 U 0.40 U	U 0.10 U 0.40 U	U 0.10 U 0.40 U		5.0 U 5.0 U	U 0.10 U 0.40 U	U 0.10 U 0.40 U	U 0.10 U 0.40 U	U 0.10 U 0.40 U		5.0 U 5.0 U	U 5.0 U	
CADMIUM	0.20 U 0.40 U		5.0 U 5.0 U	U 0.20 U 0.40 U	U 0.20 U 0.40 U	U 0.20 U 0.40 U		5.0 U 5.0 U	U 0.20 U 0.40 U	U 0.20 U 0.40 U	U 0.20 U 0.40 U	U 0.20 U 0.40 U		5.0 U 5.0 U	U 5.0 U	
CALCIUM	50800 44400		37600 43800	46800 52500	52500 37600	37600 41600	41600 54000	54000 53200	53200 35600	35600 42000	42000 35600	35600 42000				
CHROMIUM	0.90 U 0.50 U		10.0 U 10.0 U	U 0.90 U 0.50 U	U 0.90 U 0.50 U	U 0.90 U 0.50 U		10.0 U 10.0 U	U 0.90 U 0.50 U	U 0.90 U 0.50 U	U 0.90 U 0.50 U	U 0.90 U 0.50 U		10.0 U 10.0 U	U 10.0 U	
COBALT	0.50 U 1.70 J		50.0 U 50.0 U	U 0.50 U 2.10 J	U 0.50 U 2.10 J	U 0.50 U 2.10 J		50.0 U 50.0 U	U 0.50 U 2.10 J		50.0 U 50.0 U	U 50.0 U				
COPPER	0.6 U 1.5 U		25.0 U 2.0 J	J 0.6 U 1.6 J	J 0.6 U 1.6 J	J 0.6 U 1.6 J		25.0 U 2.2 J	J 0.6 U 1.8 J		25.0 U 2.0 J					
IRON	618 774		256 406	J 618 481	481 347	347 397	J 767	767 578	578 392	392 450	J 392 450	J 392 450				
LEAD	1.1 J 1.9 U		10.0 U 10.0 U	U 1.1 U 1.9 U	U 1.1 U 1.9 U	U 1.1 U 1.9 U		10.0 U 10.0 U	U 1.1 U 1.9 U	U 1.1 U 1.9 U	U 1.1 U 1.9 U	U 1.1 U 1.9 U		10.0 U 10.0 U	U 10.0 U	
MAGNESIUM	10700 9260		9680 10100	9930 9610	9610 9640	9640 9790	9790 11200	11200 9690	9690 9420	9420 9360	9360 9420	9420 9360				
MANGANESE	148 81.6		20.8 35.0	142 127	127 22.3	22.3 30.5	30.5 170	170 128	128 19.8	19.8 52.3	52.3 19.8	19.8 52.3				
MERCURY	0.10 U 0.10 U		0.20 U 0.20 U	U 0.10 U 0.10 U	U 0.10 U 0.10 U	U 0.10 U 0.10 U		0.20 U 0.20 U	U 0.10 U 0.10 U	U 0.10 U 0.10 U	U 0.10 U 0.10 U	U 0.10 U 0.10 U		0.20 U 0.20 U	U 0.20 U	
NICKEL	2.1 J 1.1 U		40.0 U 40.0 U	U 1.9 J 1.1 U	U 1.9 J 1.1 U	U 1.9 J 1.1 U		40.0 U 40.0 U	U 2.9 J 1.1 U	U 2.9 J 1.1 U	U 2.9 J 1.1 U	U 2.9 J 1.1 U		40.0 U 40.0 U	U 40.0 U	
POTASSIUM	3410 J 1990 J		2280 J 2140 J	3130 J 2040 J	2040 J 2270 J	2270 J 2150 J	2150 J 4060 J	4060 J 2040 J	2040 J 2150 J	2150 J 2000 J	2000 J 2150 J	2150 J 2000 J				
SELENIUM	2.4 U 2.2 U		35.0 U 35.0 U	U 2.4 U 2.2 U	U 2.4 U 2.2 U	U 2.4 U 2.2 U		35.0 U 35.0 U	U 2.4 U 2.2 U	U 2.4 U 2.2 U	U 2.4 U 2.2 U	U 2.4 U 2.2 U		35.0 U 35.0 U	U 35.0 U	
SILVER	0.80 U 0.30 U		10.0 U 10.0 U	U 0.80 U 0.30 U	U 0.80 U 0.30 U	U 0.80 U 0.30 U		10.0 U 10.0 U	U 0.80 U 0.30 U	U 0.80 U 0.30 U	U 0.80 U 0.30 U	U 0.80 U 0.30 U		10.0 U 1.5 J		
SODIUM	59000 40100		31500 50600	56000 48300	48300 29200	29200 48800	48800 74100	74100 48000	48000 21700	21700 43600	43600 21700	21700 43600				
THALLIUM	2.8 U 3.6 U		25.0 U 25.0 U	U 2.8 U 3.6 U	U 2.8 U 3.6 U	U 2.8 U 3.6 U		25.0 U 25.0 U	U 2.8 U 3.6 U	U 2.8 U 3.6 U	U 2.8 U 3.6 U	U 2.8 U 3.6 U		25.0 U 25.0 U	U 25.0 U	
VANADIUM	1.7 J 1.7 J		60 U 1.7 J	J 1.7 J 1.4 J	J 1.7 J 1.4 J	J 1.7 J 1.4 J		60 U 1.6 J	J 2.2 J 1.3 J	J 2.2 J 1.3 J	J 2.2 J 1.3 J	J 2.2 J 1.3 J		60 U 50.0 U		
ZINC	6.3 J 5.2 J		2.1 J 60.0 U	U 4.1 U 6.0 J	U 4.1 U 6.0 J	U 4.1 U 6.0 J		2.1 J 60.0 U	U 4.1 U 6.1 J		2.2 J 6.1 J					
CYANIDE	1.1 U 1.2 U		10.0 U 10.0 U	U 1.1 U 1.2 U	U 1.1 U 1.2 U	U 1.1 U 1.2 U		10.0 U 3.1 J	J 1.1 U 1.2 U		10.0 U 6.6 J					

Notes
U = Analyte was analyzed for but not detected
J = Analyte was analyzed for and the result is included in the average.

N = Indicated sample spike recovery was acceptable
* = This flag is used for duplicate analysis.

FIELDS BROOK

Analysis	List of Compounds	FB-SW16 Aug-04	FB-SW16 Aug-06	FB-SW16 Jun-08	FB-SW16 Sep-10	FB-SW16 Sep-11	Dup of FB-SW16 Sep-11	FB-SW17 Aug-04	FB-SW17 Aug-06	FB-SW17 Jun-08	FB-SW17 Sep-10	FB-SW17 Sep-11	FB-SW18 Aug-04	FB-SW18 Aug-06	FB-SW18 Jun-08	FB-SW18 Sep-10	FB-SW18 Sep-11
VOCs	(units are in ug/l)																
1,1,1-TRICHLOROETHANE	0.50 U	0.5 U	0.5 U	not sampled	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	not sampled	0.5 U	0.5 U	0.50 U	0.5 U	not sampled	0.5 U
1,1,2,2-TETRACHLOROETHANE	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
1,1,2,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
1,1,2-TRICHLOROETHANE	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROETHANE	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
1,1-DICHLOROETHENE	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
1,2,3-TRICHLOROBENZENE	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
1,2,4-TRICHLOROBENZENE	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
1,2-DIBROMO-3-CHLOROPROPANE	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
1,2-DIBROMOETHANE	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROBENZENE	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHANE	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
1,2-DICHLOROPROPANE	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
1,3-DICHLOROBENZENE	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
1,4-DICHLOROBENZENE	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U		0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
2-BUTANONE	2.5 J	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	2.9 J	5 U	5 U	5 U
2-HEXANONE	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U
4-METHYL-2-PENTANONE	5.0 U	5 U	5 U	5 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5 U	5 U	5 U	5 U	5.0 U	5 U	5 U	5 U
ACETONE	4.2 J	3.3 JB	5 U	18 U	18 U	17	3.2 J	2.8 JB			5 U	5 U	4.5 J	3.1 JB	5 U	56 U	
BENZENE	0.16 J	0.5 U	0.17 J	0.5 U	0.25 J	0.2 J	0.5 U	0.5 U									
BROMOCHLOROMETHANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
BROMODICHLOROMETHANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
BROMOFORM	0.50 U	0.1 J	0.1 J	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
BROMOMETHANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
CARBON DISULFIDE	0.032 J	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U					
CARBON TETRACHLORIDE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
CHLOROBENZENE	0.63 J	0.23 J	0.5 U	0.5 U	0.5 U	0.5 U	0.72 J	0.35 J	0.5 U	1.1 J	0.84	0.5 U	0.5 U				
CHLOROETHANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
CHLOROFORM	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.038 J	0.5 U	0.5 U	0.5 U
CHLOROMETHANE	0.064 J	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.055 J	0.5 U	0.5 U	0.5 U					
CIS-1,2-DICHLOROETHENE	0.16 J	0.16 J	0.5 U	1.7 U	1.7	0.16 J	0.17 J	0.3 J	0.5 U	0.19 J	0.17 J	0.31 J	0.40 J				
CIS-1,3-DICHLOROPROPENE	0.073 JB	0.5 U	0.061 JB	0.5 U	0.088 JB	0.5 U	0.5 U	0.5 U									
CYCLOHEXANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
DIBROMOCHLOROMETHANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
DICHLORODIFLUOROMETHANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
ETHYLBENZENE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
ISOPROPYLBENZENE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
METHYL ACETATE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
METHYLCYCLOHEXANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
METHYLENE CHLORIDE	0.4 JB	0.18 JB	0.5 U	0.5 U	0.5 U	0.5 U	0.4 JB	0.18 JB	0.5 U	0.46 JB	0.2 JB	0.5 U	0.5 U				
METHYL-T-BUTYL ETHER	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
STYRENE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
TETRACHLOROETHENE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
TOLUENE	0.26 JB	0.5 U	0.21 JB	0.5 U	0.28 JB	0.5 U	0.5 U	0.5 U									
TRANS-1,2-DICHLOROETHENE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
TRANS-1,3-DICHLOROPROPENE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
TRICHLOROETHENE	0.066 J	0.5 U	0.061 J	0.5 U	0.5 U	0.5 U	0.17 J	0.063 J	0.5 U	0.5 U	0.5 U	0.27 J					
TRICHLOROFLUOROMETHANE	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U
VINYL CHLORIDE	0.052 J	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.50 U	0.5 U	0.5 U	0.5 U					
XYLENE (TOTAL)	0.50 U	0.5 U	0.5 U			0.5 U	0.5 U	0.50 U	0.5 U	0.5 U			0.5 U	0.50 U	0.5 U	0.5 U	

FIELDS BROOK

Analysis	List of Compounds	FB-SW16 Aug-04	FB-SW16 Aug-06	FB-SW16 Jun-08	FB-SW16 Sep-10	FB-SW16 Sep-11	Dup of FB-SW16 Sep-11	FB-SW17 Aug-04	FB-SW17 Aug-06	FB-SW17 Jun-08	FB-SW17 Sep-10	FB-SW17 Sep-11	FB-SW18 Aug-04	FB-SW18 Aug-06	FB-SW18 Jun-08	FB-SW18 Sep-10	FB-SW18 Sep-11	
SVOCs	(units are in ug/l)																	
1,1'-BIPHENYL	5.0 U	5.0 U	not sampled	5 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	not sampled	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	not sampled	5.3 U	4.9 U
2,2'-OXYBIS(1-CHLOROPROPANE)	5.0 U	5.0 U	20 U	5 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	20 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.3 U	4.9 U
2,4,5-TRICHLOROPHENOL	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
2,4,6-TRICHLOROPHENOL	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
2,4-DICHLOROPHENOL	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
2,4-DIMETHYLPHENOL	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
2,4-DINITROPHENOL	20 U	20 U	10 U	9.5 U	9.5 U	9.5 U	9.5 U	20 U	20 U	U	11 U	10 U	20 U	20 U	20 U	11 U	9.8 U	
2,4-DINITROTOLUENE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
2,6-DINITROTOLUENE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
2-CHLORONAPHTHALENE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
2-CHLOROPHENOL	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
2-METHYLNAPHTHALENE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
2-METHYLPHENOL	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
2-NITROANILINE	20 U	20 U	10 U	9.5 U	9.5 U	9.5 U	9.5 U	20 U	20 U	U	11 U	10 U	20 U	20 U	20 U	11 U	9.8 U	
2-NITROPHENOL	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
3,3'-DICHLOROBENZIDINE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
3-NITROANILINE	20 U	20 U	10 U	9.5 U	9.5 U	9.5 U	9.5 U	20 U	20 U	U	11 U	10 U	20 U	20 U	20 U	11 U	9.8 U	
4,6-DINITRO-2-METHYLPHENOL	20 U	20 U	10 U	4.8 U	4.8 U	4.8 U	4.8 U	20 U	20 U	U	11 U	10 U	20 U	20 U	20 U	11 U	9.8 U	
4-BROMOPHENYL PHENYL ETHER	5.0 U	5.0 U	5 U	9.5 U	9.5 U	9.5 U	9.5 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
4-CHLORO-3-METHYLPHENOL	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
4-CHLOROANILINE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
4-CHLOROPHENYL PHENYL ETHER	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
4-METHYLPHENOL	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
4-NITROANILINE	20 U	20 U	10 U	9.5 U	9.5 U	9.5 U	9.5 U	20 U	20 U	U	11 U	10 U	20 U	20 U	20 U	11 U	9.8 U	
4-NITROPHENOL	20 U	20 U	10 U	9.5 U	9.5 U	9.5 U	9.5 U	20 U	20 U	U	11 U	10 U	20 U	20 U	20 U	11 U	9.8 U	
ACENAPHTHENE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
ACENAPHTHYLENE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
ACETOPHENONE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
ANTHRACENE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
ATRAZINE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
BENZALDEHYDE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
BENZO(A)ANTHRACENE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
BENZO(A)PYRENE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
BENZO(B)FLUORANTHENE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
BENZO(G,H,I)PERYLCENE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
BENZO(K)FLUORANTHENE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
BIS(2-CHLOROETHOXY)METHANE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
BIS(2-CHLOROETHYL)ETHER	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
BIS(2-ETHYLHEXYL)PHTHALATE	6.4	5.0 U	5.5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	7.7 U	17	5.0 U	5.4			5.3 U	4.9 U
BUTYL BENZYL PHTHALATE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
CAPROLACTAM	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
CHRYSENE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
DIBENZO(A,H)ANTHRACENE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
DIBENZOFURAN	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
DIETHYL PHTHALATE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
DIMETHYL PHTHALATE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
DI-N-BUTYL PHTHALATE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
DI-N-OCTYL PHTHALATE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
FLUORANTHENE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
FLUORENE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
HEXACHLOROBENZENE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U
HEXACHLOROBUTADIENE	5.0 U	5.0 U	5 U	4.8 U	4.8 U	4.8 U	4.8 U	5.0 U	5.0 U	5 U	5.6 U	5.0 U	5.0 U	5.0 U	5.0 U	5 U	5.3 U	4.9 U

FIELDS BROOK
TABLE 3 - SUMMARY OF ANALYTICAL RESULTS FOR SURFACE WATER SAMPLES

Analysis	List of Compounds	FB-SW16 Aug-04	FB-SW16 Aug-06	FB-SW16 Jun-08	FB-SW16 Sep-10	FB-SW16 Sep-11	Dup of FB-SW16 Sep-11	FB-SW17 Aug-04	FB-SW17 Aug-06	FB-SW17 Jun-08	FB-SW17 Sep-10	FB-SW17 Sep-11	FB-SW18 Aug-04	FB-SW18 Aug-06	FB-SW18 Jun-08	FB-SW18 Sep-10	FB-SW18 Sep-11	
SVOCs	(units are in ug/l)																	
	HEXAChLOROCYCLOPENTADIENE	5.0 U	5.0 U	not sampled	5 U	4.8 U	4.8 U	5.0 U	5.0 U	not sampled	5.6 U	5.0 U	5.0 U	5.0 U	not sampled	5.3 U	4.9 U	
	HEXAChLOROETHANE	5.0 U	5.0 U		5 U	4.8 U	4.8 U	5.0 U	5.0 U		5.6 U	5.0 U	5.0 U	5.0 U	sampled	5.3 U	4.9 U	
	INDENO(1,2,3-CD)PYRENE	5.0 U	5.0 U		5 U	4.8 U	4.8 U	5.0 U	5.0 U		5.6 U	5.0 U	5.0 U	5.0 U		5.3 U	4.9 U	
	ISOPHORONE	5.0 U	5.0 U		5 U	4.8 U	4.8 U	5.0 U	5.0 U		5.6 U	5.0 U	5.0 U	5.0 U		5.3 U	4.9 U	
	NAPHTHALENE	5.0 U	5.0 U		5 U	4.8 U	4.8 U	5.0 U	5.0 U		5.6 U	5.0 U	5.0 U	5.0 U		5.3 U	4.9 U	
	NITROBENZENE	5.0 U	5.0 U		5 U	4.8 U	4.8 U	5.0 U	5.0 U		5.6 U	5.0 U	5.0 U	5.0 U		5.3 U	4.9 U	
	N-NITROSO-DI-N-PROPYLAMINE	5.0 U	5.0 U		5 U	4.8 U	4.8 U	5.0 U	5.0 U		5.6 U	5.0 U	5.0 U	5.0 U		5.3 U	4.9 U	
	N-NITROSODIPHENYLAMINE(1)	5.0 U	5.0 U		5 U	4.8 U	4.8 U	5.0 U	5.0 U		5.6 U	5.0 U	5.0 U	5.0 U		5.3 U	4.9 U	
	PENTACHLOROPHENOL	5.0 U	5.0 U		10 U	9.5 U	9.5 U	5.0 U	5.0 U		11 U	10 U	5.0 U	5.0 U		11 U	9.8 U	
	PHENANTHRENE	5.0 U	5.0 U		5 U	4.8 U	4.8 U	5.0 U	5.0 U		5.6 U	5.0 U	5.0 U	5.0 U		5.3 U	4.9 U	
	PHENOLS	5.0 U	5.0 U		5 U	4.8 U	4.8 U	5.0 U	5.0 U		5.6 U	5.0 U	5.0 U	5.0 U		5.3 U	4.9 U	
	PYRENE	5.0 U	5.0 U		5 U	4.8 U	4.8 U	5.0 U	5.0 U		5.6 U	5.0 U	5.0 U	5.0 U		5.3 U	4.9 U	
PCBs	units are ug/l (ppb)																	
	AROCLOr-1016	0.20 U	0.20 U	not sampled	1.1 U	0.94 U	0.98 U	U	0.20 U	0.20 U	not sampled	1.1 U	1.0 U	0.20 U	0.20 U	not sampled	1.1 U	0.98 U
	AROCLOr-1221	0.40 U	0.40 U	sampled	1.1 U	0.94 U	0.98 U	U	0.40 U	0.40 U	sampled	1.1 U	1.0 U	0.40 U	0.40 U	sampled	1.1 U	0.98 U
	AROCLOr-1232	0.20 U	0.20 U		1.1 U	0.94 U	0.98 U	U	0.20 U	0.20 U		1.1 U	1.0 U	0.20 U	0.20 U		1.1 U	0.98 U
	AROCLOr-1242	0.20 U	0.20 U		1.1 U	0.94 U	0.98 U	U	0.20 U	0.20 U		1.1 U	1.0 U	0.20 U	0.20 U		1.1 U	0.98 U
	AROCLOr-1248	0.20 U	0.23		1.1 U	0.94 U	0.98 U	U	0.20 U	0.2 U		1.1 U	1.0 U	0.20 U	0.2 U		1.1 U	0.98 U
	AROCLOr-1254	0.20 U	0.20 U		1.1 U	0.94 U	0.98 U	U	0.20 U	0.20 U		1.1 U	1.0 U	0.20 U	0.20 U		1.1 U	0.98 U
	AROCLOr-1260	0.20 U	0.20 U		1.1 U	0.94 U	0.98 U	U	0.20 U	0.20 U		1.1 U	1.0 U	0.20 U	0.20 U		1.1 U	0.98 U
	AROCLOr-1262				1.1 U	0.94 U	0.98 U	U				1.1 U	1.0 U				1.1 U	0.98 U
	AROCLOr-1268				1.1 U	0.94 U	0.98 U	U				1.1 U	1.0 U				1.1 U	0.98 U
Metals	units are ug/l																	
	ALUMINUM	115 J	43.7 J	not sampled	290	195.0 J	128 J	J	119 J	30.8 J	not sampled	97.1 J	200 U	98.3 J	42.0 J	not sampled	93.8 J	98.8 J
	ANTIMONY	1.9 U	1.8 U	sampled	60.0 U	60.0 U	60.0 U	U	1.9 U	1.8 U	sampled	60.0 U	60.0 U	1.9 U	1.8 U	sampled	60.0 U	60.0 U
	ARSENIC	2.1 U	2.8 U		10.0 U	10.0 U	10.0 U	U	2.1 U	2.8 U		10.0 U	10.0 U	2.1 U	2.8 U		3.1 J	10.0 U
	BARIUM	67.8 J	73.6 J		24.8 J	44.0 J	44.3 J	J	71 J	71.5 J		91.0 J	59.7 J	73 J	78.4 J		93.3 J	60.8 J
	BERYLLIUM	0.10 U	0.40 U		5.0 U	5.0 U	5.0 U	U	0.10 U	0.40 U		5.0 U	5.0 U	0.10 U	0.40 U		5.0 U	5.0 U
	CADMIUM	0.20 U	0.40 U		5.0 U	5.0 U	5.0 U	U	0.20 U	0.40 U		5.0 U	5.0 U	0.20 U	0.40 U		5.0 U	5.0 U
	CALCIUM	50900	56700		33800	42500	44500		53200	55300		57700	52500	53700	57500		56700	53000
	CHROMIUM	0.90 U	0.50 U		10.0 U	10.0 U	10.0 U	U	0.90 U	0.50 U		10.0 U	10.0 U	0.90 U	0.50 U		10.0 U	10.0 U
	COBALT	0.50 U	2.60 J		50.0 U	50.0 U	50.0 U	U	0.50 U	2.50 J		50.0 U	50.0 U	0.50 U	2.80 J		50.0 U	50.0 U
	COPPER	0.6 U	1.5 U		25.0 U	3.5 J	1.9 J	J	0.6 U	1.5 U		25.0 U	2.2 J	0.6 U	1.5 U		25.0 U	1.7 J
	IRON	724	379		436	492 J	400 J	J	747	374		249	600 J	844	424		242	538 J
	LEAD	1.1 U	1.9 U		10.0 U	10.0 U	10.0 U	U	1.1 U	1.9 U		10.0 U	10.0 U	1.7 J	1.9 U		10.0 U	10.0 U
	MAGNESIUM	10500	10600		8830	9310 J	9530		10900	10400		14000	11300	11000	10700		13800	10300
	MANGANESE	163	99.6		16.4	48.9	48.6		184	126		74.3	52.0	210	191		125	97.9
	MERCURY	0.13 J	0.10 U		0.20 U	0.20 U	0.20 U	U	0.13 J	0.10 U		0.20 U	0.20 U	0.14 J	0.10 U		0.078 J	0.11 J
	NICKEL	2.3 J	1.1 U		40.0 U	40.0 U	40.0 U	U	2.4 J	1.1 U		2.2 J	2.9 J	2.7 J	1.1 U		40.0 U	2.8 J
	POTASSIUM	3830 J	2200 J		1910 J	1950 J	1960 J	J	4010 J	2140 J		4230 J	3100 J	4070 J	2210 J		3220 J	2730 J
	SELENIUM	2.4 U	2.2 U		35.0 U	35.0 U	35.0 U	U	2.4 U	2.2 U		35.0 U	35.0 U	2.4 U	2.2 U		35.0 U	35.0 U
	SILVER	0.80 U	0.30 U		10.0 U	10.0 U	1.0 J	J	0.80 U	0.30 U		10.0 U	10.0 U	0.80 U	0.30 U		10.0 U	10.0 U
	SODIUM	70100	54400		11000	42000	42700		73500	53200		11500	79800	74500	54300		11100	78000
	THALLIUM	2.8 U	3.6 U		25.0 U	25.0 U	25.0 U	U	2.8 U	3.6 U		25.0 U	25.0 U	2.8 U	3.6 U		4.7 J	25.0 U
	VANADIUM	1.9 J	1.7 J		60 U	50.0 U	50.0 U	U	2.0 J	1.3 J		60 U	2.5 J	1.9 J	1.4 J		0.83 J	2.3 J
	ZINC	4.1 U	4.4 J		2.5 J	60.0 U	60.0 U	U	4.1 U	4.0 J		1.9 J	60.0 U	4.1 U	5.1 J		3.2 J	60.0 U
	CYANIDE	1.1 U	1.2 U		10.0 U	10.0 U	10.0 U	U	1.1 U	1.2 U		10.0 U	10.0 U	1.1 U	1.2 U		10.0 U	10.0 U

Notes U = Analyte was analyzed for but not detected
 J = Analyte was analyzed for and the results were used in the calculation.

N = Indicated sample spike recovery was acceptable
 * = This flag is used for duplicate analysis.

FIELDS BROOK
TABLE 3 - SUMMARY OF ANALYTICAL RESULTS FOR SURFACE WATER SAMPLES

Analysis	List of Compounds	FB-SW19 Aug-04	FB-SW19 Aug-06	FB-SW19 Jun-08	FB-SW19 Sep-10	FB-SW19 Sep-11	FB-SW20 Aug-04	FB-SW20 Aug-06	FB-SW20 Jun-08	FB-SW20 Sep-10	FB-SW20 Sep-11
VOCs	(units are in ug/l)										
1,1,1-TRICHLOROETHANE	0.50 U 0.5 U	not sampled	0.5 U	0.5 U	0.50 U	not sampled	not sampled	not sampled	0.5 U	0.5 U	0.5 U
1,1,2,2-TETRACHLOROETHANE	0.50 U 0.5 U	sampled	0.5 U	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.5 U	0.5 U	0.5 U
1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U	0.50 U			0.5 U	0.5 U	0.5 U
1,1,2-TRICHLOROETHANE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U	0.50 U			0.5 U	0.5 U	0.5 U
1,1-DICHLOROETHANE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U				0.5 U	0.5 U	0.5 U
1,1-DICHLOROETHENE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U	0.50 U			0.5 U	0.5 U	0.5 U
1,2,3-TRICHLOROBENZENE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U	0.50 U			0.5 U	0.5 U	0.5 U
1,2,4-TRICHLOROBENZENE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U	0.50 U			0.5 U	0.5 U	0.5 U
1,2-DIBROMO-3-CHLOROPROPANE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U	0.50 U			0.5 U	0.5 U	0.5 U
1,2-DIBROMOETHANE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U	0.50 U			0.5 U	0.5 U	0.5 U
1,2-DICHLOROBENZENE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U	0.50 U			0.5 U	0.5 U	0.5 U
1,2-DICHLOROETHANE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U	0.50 U			0.5 U	0.5 U	0.5 U
1,2-DICHLOROPROPANE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U	0.50 U			0.5 U	0.5 U	0.5 U
1,3-DICHLOROBENZENE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U	0.50 U			0.5 U	0.5 U	0.5 U
1,4-DICHLOROBENZENE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U	0.50 U			0.5 U	0.5 U	0.5 U
2-BUTANONE	2.3 J 5 U		5 U	5 U	2.9 J				5 U	5 U	5 U
2-HEXANONE	5.0 U 5 U		5 U	5 U	5.0 U				5 U	5 U	5 U
4-METHYL-2-PENTANONE	5.0 U 5 U		5 U	5 U	5.0 U				5 U	5 U	5 U
ACETONE	5 3.5 JB		5 U	56 U	6.9				5 U	5 U	5 U
BENZENE	0.31 J 0.34 JB		0.5 U	0.5 U	0.50 U				0.5 U	0.5 U	0.5 U
BROMOCHLOROMETHANE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U				0.5 U	0.5 U	0.5 U
BROMODICHLOROMETHANE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U				0.5 U	0.5 U	0.5 U
BROMOFORM	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U				0.5 U	0.5 U	0.5 U
BROMOMETHANE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U				0.5 U	0.5 U	0.5 U
CARBON DISULFIDE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U				0.5 U	0.5 U	0.5 U
CARBON TETRACHLORIDE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U				0.5 U	0.5 U	0.5 U
CHLOROBENZENE	1.4 1.5		0.5 U	0.53	0.50 U				0.5 U	0.68	
CHLOROETHANE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U				0.5 U	0.5 U	
CHLOROFORM	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U				0.5 U	0.5 U	
CHLOROMETHANE	0.061 J 0.5 U		0.5 U	0.5 U	0.50 U				0.5 U	0.5 U	
CIS-1,2-DICHLOROETHENE	0.50 U 0.5 U		0.5 U	0.43 J	0.50 U				0.5 U	0.50 J	
CIS-1,3-DICHLOROPROPENE	0.072 BJ 0.5 U		0.5 U	0.5 U	0.50 U				0.5 U	0.5 U	
CYCLOHEXANE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U				0.5 U	0.5 U	
DIBROMOCHLOROMETHANE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U				0.5 U	0.5 U	
DICHLORODIFLUOROMETHANE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U				0.5 U	0.5 U	
ETHYLBENZENE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U				0.5 U	0.5 U	
ISOPROPYLBENZENE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U				0.5 U	0.5 U	
METHYL ACETATE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U				0.5 U	0.5 U	
METHYLCYCLOHEXANE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U				0.5 U	0.5 U	
METHYLENE CHLORIDE	0.41 BJ 0.17 JB		0.5 U	0.5 U	0.39 JB				0.5 U	0.5 U	
METHYL-T-BUTYL ETHER	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U				0.5 U	0.5 U	
STYRENE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U				0.5 U	0.5 U	
TETRACHLOROETHENE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U				0.5 U	0.5 U	
TOLUENE	0.28 BJ 0.5 U		0.5 U	0.5 U	0.33 JB				0.5 U	0.5 U	
TRANS-1,2-DICHLOROETHENE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U				0.5 U	0.5 U	
TRANS-1,3-DICHLOROPROPENE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U				0.5 U	0.5 U	
TRICHLOROETHENE	0.50 U 0.5 U		0.5 U	0.30 U	0.50 U				0.5 U	0.31 J	
TRICHLOROFLUOROMETHANE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U				0.5 U	0.5 U	
VINYL CHLORIDE	0.50 U 0.5 U		0.5 U	0.5 U	0.50 U				0.5 U	0.5 U	
XYLENE (TOTAL)	0.50 U 0.5 U				0.50 U						

FIELDS BROOK
TABLE 3 - SUMMARY OF ANALYTICAL RESULTS FOR SURFACE WATER SAMPLES

Analysis	List of Compounds	FB-SW19	FB-SW19	FB-SW19	FB-SW19	FB-SW19	FB-SW20	FB-SW20	FB-SW20	FB-SW20	
		Aug-04	Aug-06	Jun-08	Sep-10	Sep-11	Aug-04	Aug-06	Jun-08	Sep-10	Sep-11
SVOCs (units are in ug/l)											
1,1'-BIPHENYL	5.0	U	5.1	U	not sampled	5.1	U	4.8	U	5.0	U
2,2'-OXYBIS(1-CHLOROPROPANE)	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
2,4,5-TRICHLOROPHENOL	20	U	21	U		5.1	U	4.8	U	20	U
2,4,6-TRICHLOROPHENOL	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
2,4-DICHLOROPHENOL	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
2,4-DIMETHYLPHENOL	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
2,4-DINITROPHENOL	20	U	21	U		10	U	9.5	U	20	U
2,4-DINITROTOLUENE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
2,6-DINITROTOLUENE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
2-CHLORONAPHTHALENE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
2-CHLOROPHENOL	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
2-METHYLNAPHTHALENE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
2-METHYLPHENOL	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
2-NITROANILINE	20	U	21	U		10	U	9.5	U	20	U
2-NITROPHENOL	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
3,3'-DICHLOROBENZIDINE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
3-NITROANILINE	20	U	21	U		10	U	9.5	U	20	U
4,6-DINITRO-2-METHYLPHENOL	20	U	21	U		10	U	4.8	U	20	U
4-BROMOPHENYL PHENYL ETHER	5.0	U	5.1	U		5.1	U	9.5	U	5.0	U
4-CHLORO-3-METHYLPHENOL	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
4-CHLOROANILINE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
4-CHLOROPHENYL PHENYL ETHER	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
4-METHYLPHENOL	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
4-NITROANILINE	20	U	21	U		10	U	9.5	U	20	U
4-NITROPHENOL	20	U	21	U		10	U	9.5	U	20	U
ACENAPHTHENE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
ACENAPHTHYLENE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
ACETOPHENONE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
ANTHRACENE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
ATRAZINE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
BENZALDEHYDE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
BENZO(A)ANTHRACENE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
BENZO(A)PYRENE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
BENZO(B)FLUORANTHENE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
BENZO(G,H,I)PERYLENE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
BENZO(K)FLUORANTHENE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
BIS(2-CHLOROETHOXY)METHANE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
BIS(2-CHLOROETHYL)ETHER	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
BIS(2-ETHYLHEXYL)PHTHALATE	5.9	5.1	U			5.1	U	4.8	U	5.0	U
BUTYL BENZYL PHTHALATE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
CAPROLACTAM	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
CHRYSENE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
DIBENZO(A,H)ANTHRACENE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
DIBENZOFURAN	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
DIETHYL PHTHALATE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
DIMETHYL PHTHALATE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
DI-N-BUTYL PHTHALATE	1.6	J	5.1	U		5.1	U	4.8	U	5.0	U
DI-N-OCTYL PHTHALATE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
FLUORANTHENE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
FLUORENE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
HEXACHLOROBENZENE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U
HEXAChLOROBUTADIENE	5.0	U	5.1	U		5.1	U	4.8	U	5.0	U

FIELDS BROOK
TABLE 3 - SUMMARY OF ANALYTICAL RESULTS FOR SURFACE WATER SAMPLES

Analysis	List of Compounds	FB-SW19 Aug-04	FB-SW19 Aug-06	FB-SW19 Jun-08	FB-SW19 Sep-10	FB-SW19 Sep-11	FB-SW20 Aug-04	FB-SW20 Aug-06	FB-SW20 Jun-08	FB-SW20 Sep-10	FB-SW20 Sep-11
SVOCs	(units are in ug/l)										
HEXACHLOROCYCLOPENTADIENE	5.0 U 5.1 U	not sampled	5.1 U	4.8 U	5.0 U	not sampled	not sampled	not sampled	5.3 U	4.8 U	
HEXAChLOROETHANE	5.0 U 5.1 U		5.1 U	4.8 U	5.0 U				5.3 U	4.8 U	
INDENO(1,2,3-CD)PYRENE	5.0 U 5.1 U		5.1 U	4.8 U	5.0 U				5.3 U	4.8 U	
ISOPHORONE	5.0 U 5.1 U		5.1 U	4.8 U	5.0 U				5.3 U	4.8 U	
NAPHTHALENE	5.0 U 5.1 U		5.1 U	4.8 U	5.0 U				5.3 U	4.8 U	
NITROBENZENE	5.0 U 5.1 U		5.1 U	4.8 U	5.0 U				5.3 U	4.8 U	
N-NITROSO-DI-N-PROPYLAMINE	5.0 U 5.1 U		5.1 U	4.8 U	5.0 U				5.3 U	4.8 U	
N-NITROSODIPHENYLAMINE(1)	5.0 U 5.1 U		5.1 U	4.8 U	5.0 U				5.3 U	4.8 U	
PENTACHLOROPHENOL	5.0 U 5.1 U		10 U	9.5 U	5.0 U				11 U	9.5 U	
PHENANTHRENE	5.0 U 5.1 U		5.1 U	4.8 U	5.0 U				5.3 U	4.8 U	
PHENOLS	5.0 U 5.1 U		5.1 U	4.8 U	5.0 U				5.3 U	4.8 U	
PYRENE	5.0 U 5.1 U		5.1 U	4.8 U	5.0 U				5.3 U	4.8 U	
PCBs	units are ug/l (ppb)										
AROCLOr-1016	0.22 U 0.20 U	not sampled	1.1 U	0.95 U	0.21 U	not sampled	not sampled	not sampled	1.1 U	0.95 U	
AROCLOr-1221	0.44 U 0.40 U		1.1 U	0.95 U	0.41 U				1.1 U	0.95 U	
AROCLOr-1232	0.22 U 0.20 U		1.1 U	0.95 U	0.21 U				1.1 U	0.95 U	
AROCLOr-1242	0.22 U 0.20 U		1.1 U	0.95 U	0.21 U				1.1 U	0.95 U	
AROCLOr-1248	0.22 U 0.2 U		1.1 U	0.95 U	0.21 U				1.1 U	0.95 U	
AROCLOr-1254	0.22 U 0.20 U		1.1 U	0.95 U	0.21 U				1.1 U	0.95 U	
AROCLOr-1260	0.22 U 0.20 U		1.1 U	0.95 U	0.21 U				1.1 U	0.95 U	
AROCLOr-1262			1.1 U	0.95 U					1.1 U	0.95 U	
AROCLOr-1268			1.1 U	0.95 U					1.1 U	0.95 U	
Metals	units are ug/l										
ALUMINUM	123 J 63.7 J	not sampled	479 U	156 J	281 J	not sampled	not sampled	not sampled	406 U	180 U	
ANTIMONY	1.9 U 1.8 U		60.0 U	60.0 U	1.9 U				60.0 U	60.0 U	
ARSENIC	2.1 U 2.8 U		2.6 J	10.0 U	2.1 U				10.0 U	10.0 U	
BARIUM	75 J 83.4 J		97.4 J	61.9 J	23.6 J				98.3 J	60.8 U	
BERYLLIUM	0.10 U 0.40 U		5.0 U	5.0 U	0.10 U				5.0 U	5.0 U	
CADMUM	0.20 U 0.40 U		5.0 U	5.0 U	0.20 U				5.0 U	5.0 U	
CALCIUM	54500 U 56700		55900	52600	37400				56400	53600	
CHROMIUM	0.90 U 0.50 U		0.78 J	10.0 U	0.90 U				10.0 U	10.0 U	
COBALT	0.50 U 1.70 J		50.0 U	50.0 U	0.50 U				50.0 U	50.0 U	
COPPER	0.6 U 1.5 U		25.0 U	1.7 J	1.8 J				25.0 U	1.7 U	
IRON	785 462		934	721 J	760				585	684 J	
LEAD	1.1 U 1.9 U		10.0 U	10.0 U	1.2 J				10.0 U	10.0 U	
MAGNESIUM	11200 10700		13900	10400	8270				14000	10100	
MANGANESE	243 210		231	137	272				184	141.0	
MERCURY	0.12 J 0.10 U		0.069 J	0.054 J	0.10 U				0.086 J	0.20 U	
NICKEL	2.8 J 1.1 U		40.0 U	2.8 J	1.5 J				40.0 U	2.8 U	
POTASSIUM	4090 J 2380 J		3180 J	2740 J	2260 J				3160 J	2730 U	
SELENIUM	2.4 U 2.2 U		35.0 U	35.0 U	2.4 U				35.0 U	35.0 U	
SILVER	0.80 U 0.30 U		10.0 U	10.0 U	0.80 U				10.0 U	0.77 J	
SODIUM	75600 58400		109000	77800	2350 J				109000	75200	
THALLIUM	2.8 U 8.1 J		25.0 U	25.0 U	2.8 U				25.0 U	25.0 U	
VANADIUM	2.1 J 1.9 J		1.6 J	2.2 J	0.89 J				1.2 J	2.3 U	
ZINC	4.1 U 4.3 J		6.9 J	60.0 U	4.1 U				3.7 J	60.0 U	
CYANIDE	1.1 U 1.2 U		10.0 U	6.6 J	1.1 U				10.0 U	10.0 U	

Notes U = Analyte was analyzed for but not detected
 J = Analyte was analyzed for and the result is included in the average.

N = Indicated sample spike recovery was acceptable.
 * = This flag is used for duplicate analysis.

Table 4– Upstream Surface Water Data Summary - 2011 Event

Parameter	SW07 (ug/l)	SW08 (ug/l)	SW09 (ug/l)	SW10 (ug/l)	SW11 (ug/l)	SW12 (ug/l)	SW13 (ug/l)	SW14 (ug/l)	SW15 (ug/l)
1,1,2,2 Tetrachloroethane	1.1	2.4	0.57	0.60	0.44 J	0.63	0.60	0.50 U	0.50 U
1,1,2 Trichloroethane	0.50 U								
cis-1,2-Dichloroethene	8.7	4.7	6.9	7.5	6.3	7.6	7.7	1.3	1.3
Tetrachloroethene	5.8	1.7	2.1	2.2	1.8	2.4	2.4	0.50 U	0.50 U
Trans 1,2 Dichloroethene	0.50 U	0.54	0.50 U	0.50 U	0.50 U				
Trichloroethene	3.8	2.9	3.9	4.2	3.6	4.5	5.1	1.5	1.3
Vinyl Chloride	1.8	0.98	1.5	1.6	1.0	1.5	1.2	0.50 U	0.50 U

Table 5 – Upstream Surface Water Data Summary - 2010 Event

Parameter	SW07 (ug/l)	SW08 (ug/l)	SW09 (ug/l)	SW10 (ug/l)	SW11 (ug/l)	SW12 (ug/l)	SW13 (ug/l)	SW14 (ug/l)	SW15 (ug/l)
1,1,2,2 Tetrachloroethane	0.4 J	0.55	0.27 J	0.26 J	0.25 J	0.26 J	0.29 J	0.50 U	0.50 U
1,1,2 Trichloroethane	0.08 J	0.5 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	6.0	8.3	5.0	5.3	6.0	5.4	7.7	0.23 J	0.18 J
Tetrachloroethene	1.0	1.3	0.89	0.88	0.91 U	0.88	1.2	0.50 U	0.50 U
Trans 1,2 Dichloroethene	0.08 J	0.11 J	0.50 U	0.50 U	0.50 U	0.08 J	0.50 U	0.50 U	0.50 U
Trichloroethene	1.8	2.5	1.7	1.6	1.7	1.6	2.4	0.50 U	0.50 U
Vinyl Chloride	1.1	1.6	1.2	1.4	1.4	1.5	1.7	0.50 U	0.50 U

Table 6 – Upstream Surface Water Data Summary - 2008 EVENT

Note: No samples were collected upstream of SW12 due to remediation activities at Millennium

Parameter	SW06 (ug/l)	SW07 (ug/l)	SW08 (ug/l)	SW09 (ug/l)	SW10 (ug/l)	SW11 (ug/l)	SW12 (ug/l)		
1,1,2,2 Tetrachloroethane	4.6	4.4	4.5	1.0	1.1	0.84	0.98		
1,1,2 Trichloroethane	0.41 J	0.3 J	0.16 J	0.17 J	0.50 U	0.11 J	0.16 J		
cis-1,2-Dichloroethene	9.2	9.2	4.9	4.5	5.1	3.9	5.1		
Tetrachloroethene	2.6	2.7	1.8	1.6	1.7	1.7	1.5		
Trans 1,2 Dichloroethene	0.15 J	0.15 J	0.12 J	0.50 U	0.50 U	0.50 U	0.50 U		
Trichloroethene	6.9	7.3	5.2	4.9	5.2	4.8	4.6		
Vinyl Chloride	1.1	0.99	0.56	0.57	0.65	0.56	0.56		

Table 7 – Upstream Surface Water Data Summary - 2006 EVENT

Parameter	SW07 (ug/l)	SW08 (ug/l)	SW09 (ug/l)	SW10 (ug/l)	SW11 (ug/l)	SW12 (ug/l)	SW13 (ug/l)	SW14 (ug/l)	SW15 (ug/l)	SW16 (ug/l)
1,1,2,2 Tetrachloroethane	5.2	4.3	1.2	1.2	6.3 U	6.3 U	1.4	13 U	13 U	0.50 U
1,1,2 Trichloroethane	0.23 J	0.22 J	0.18 J	0.23 J	6.3 U	6.3 U	0.35 J	13 U	13 U	0.50 U
cis-1,2-Dichloroethene	8.4	7.0	7.3	8.4	7.4	7.3	11	13 U	13 U	0.16 J
Tetrachloroethene	5.2	2.7	2.6	2.8	2.7 J	3.0 J	2.9	13 U	13 U	0.50 U
Trans 1,2 Dichloroethene	0.16 J	0.14 J	0.11 J	0.16 J	6.3 U	6.3 U	0.20 J	13 U	13 U	0.50 U
Trichloroethene	6.0	5.4	5.5	6.2	6.2 J	6.0 J	7.4	13 U	13 U	0.50 U
Vinyl Chloride	1.9	1.7	1.8	2.2	6.3 U	6.3 U	2.3	13 U	13 U	0.50 U

Table 8 – Upstream Surface Water Data Summary - 2004 EVENT

Parameter	SW07 (ug/l)	SW08 (ug/l)	SW09 (ug/l)	SW10 (ug/l)	SW11 (ug/l)	SW12 (ug/l)	SW13 (ug/l)	SW14 (ug/l)	SW15 (ug/l)	SW16 (ug/l)
1,1,2,2 Tetrachloroethane	3.6	3.8	8.3	2.7	0.50 U	1.4	1.7	0.14 J	0.50 U	0.50 U
1,1,2 Trichloroethane	0.20 J	0.21 J	0.23 J	0.36 J	0.50 U	0.25 J	0.24 J	0.50 U	0.50 U	0.50 U
cis-1,2-Dichloroethene	7.5	5.7	7.2	9.6	0.50 U	8.4	11	0.94	0.26 J	0.16 J
Tetrachloroethene	7.3	3.0	3.5	5.3	0.50 U	2.9	3.7	0.19 J	0.15 J	0.50 U
Trans 1,2 Dichloroethene	0.12 J	0.14 J	0.15 J	0.20 J	0.50 U	0.16 J	0.20 J	0.50 U	0.50 U	0.50 U
Trichloroethene	6.2	4.9	5.4	8.4	0.50 U	5.1	7.5	1.0	0.17 J	0.07 J
Vinyl Chloride	1.2	0.85	1.0	1.4	0.50 U	1.2	1.3	0.20 J	0.68 J	0.05 J

FIGURES

Figure 1

EU-2
Sample Locations and
Arochlor-1248 Results
2010-2011

Fields Brook Superfund Site
Ashtabula, Ohio

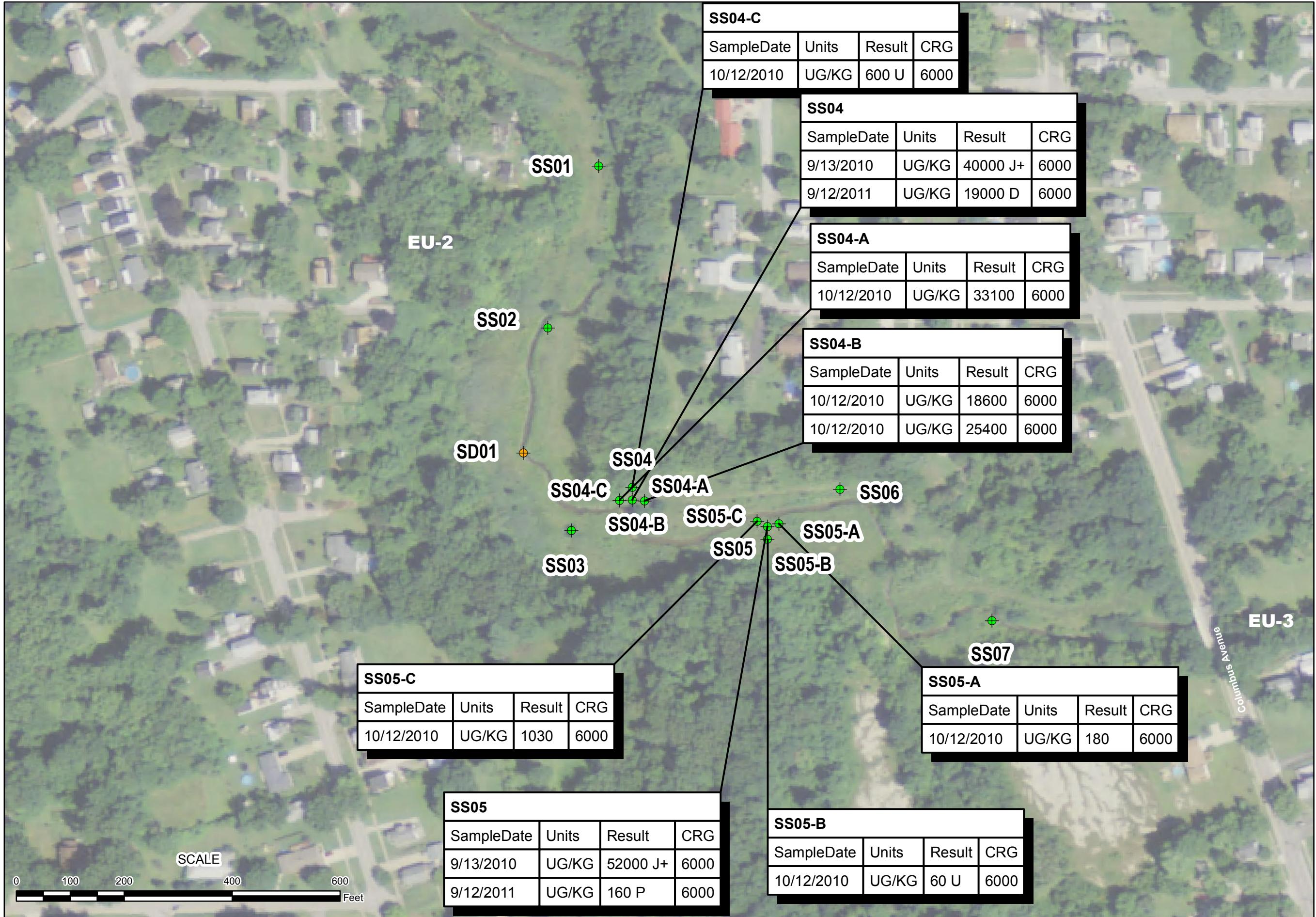
Description:
Map adapted from 2011
imagery.

Sample Location Source;
"field notes 2011_2.pdf"

Map Legend:
● Sediment Sample
● Soil Sample

Spatial Projection:
 Coordinate System:
OH State Plane North
FIPS Zone: 3401
Units: US Survey Feet
Datum: NAD83

Plot Info:
File: EU2_Arochlor1248_10&11
Project No.: 3075F
Plot Date: 15 March, 2012
Arc Operator: HG
Reviewed by: VR



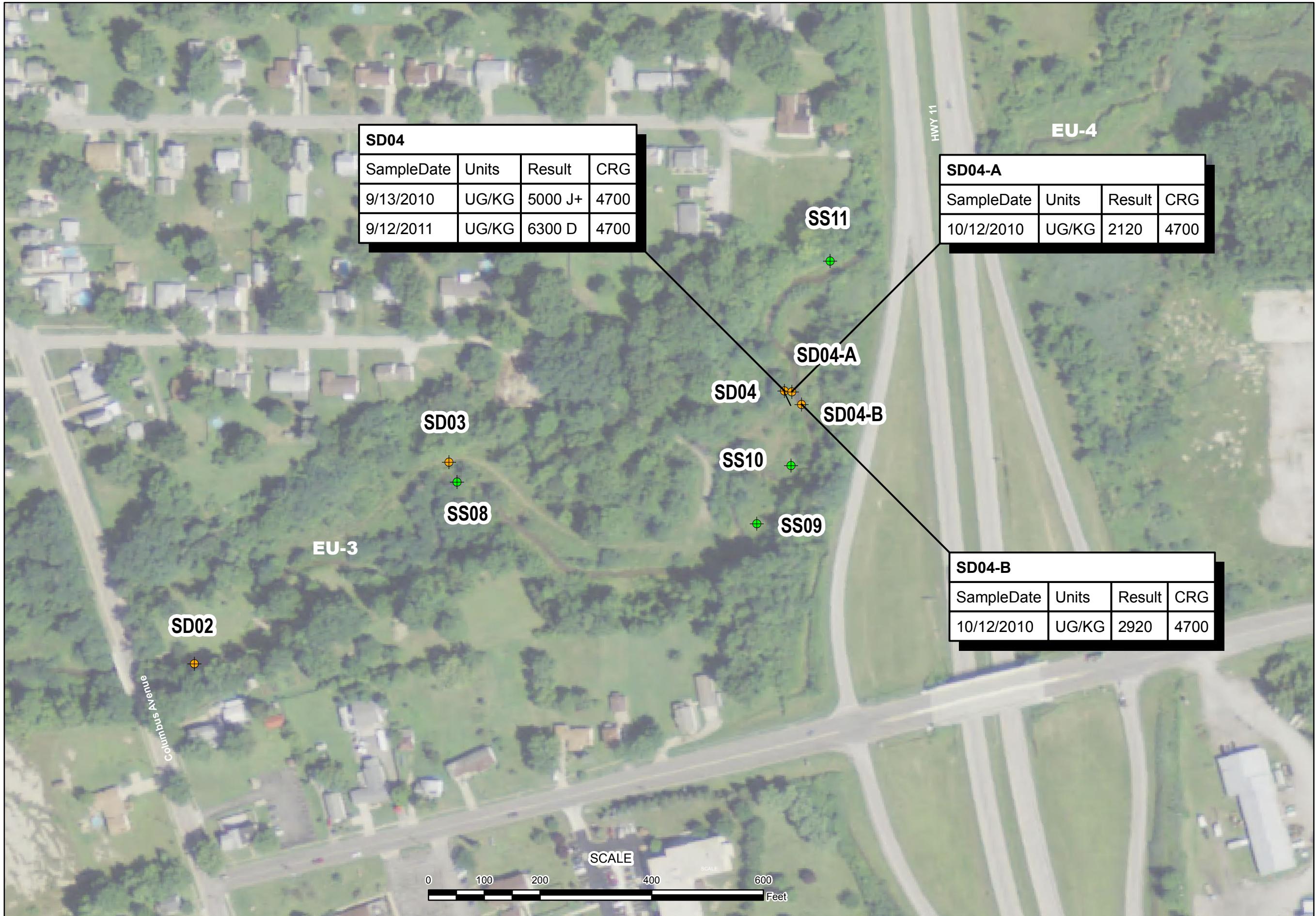


Figure 2

EU-3
Sample Locations and
Arochlor-1248 Results
2010-2011

Fields Brook Superfund Site
Ashtabula, Ohio

Description:

Map adapted from 2011
imagery.

Sample Location Source;
"field notes 2011_2.pdf"

Map Legend:

- Sediment Sample
- Soil Sample

Spatial Projection:



Coordinate System:
OH State Plane North
FIPS Zone: 3401
Units: US Survey Feet
Datum: NAD83

Plot Info:

File: EU3_Arochlor1248_10&11
Project No.: 3075F
Plot Date: 15 March, 2012
Arc Operator: HG
Reviewed by: VR

Figure 3

EU-4
Sample Locations and
Arochlor-1248 Results
2010-2011

Fields Brook Superfund Site
Ashtabula, Ohio

Description:

Map adapted from 2011
imagery.

Sample Location Source;
"field notes 2011_2.pdf"

Map Legend:

- Sediment Sample
- Soil Sample

Spatial Projection:

 Coordinate System:
OH State Plane North
FIPS Zone: 3401
Units: US Survey Feet
Datum: NAD83

Plot Info:

File: EU4_Arochlor1248_10&11
Project No.: 3075F
Plot Date: 14 March, 2012
Arc Operator: HG
Reviewed by: VR

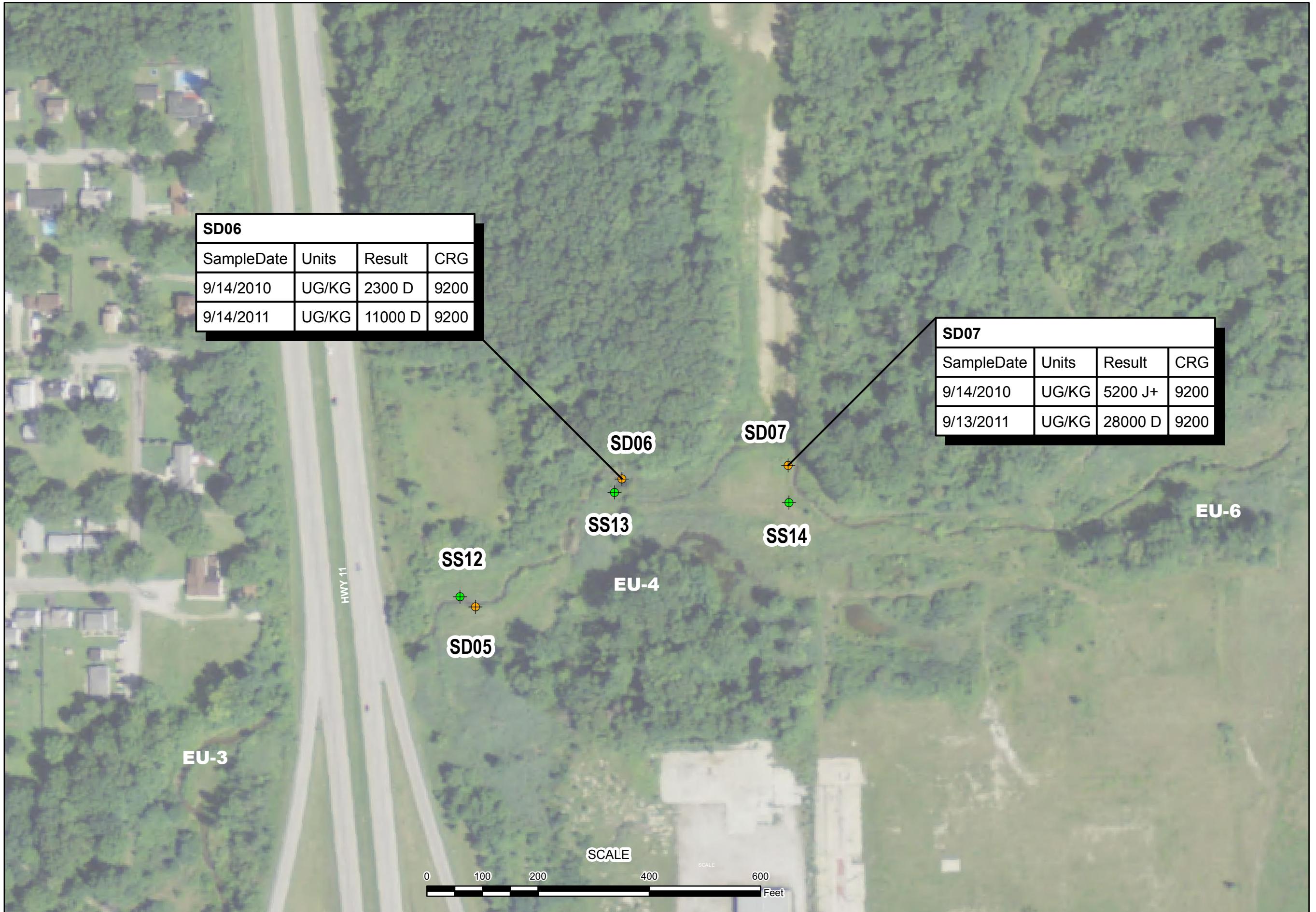


Figure 4

EU-6
Sample Locations and
Arochlor-1248 Results
2010-2011

Fields Brook Superfund Site
Ashtabula, Ohio

Description:
Map adapted from 2011
imagery.

Sample Location Source;
"field notes 2011_2.pdf"

Map Legend:
 Sediment Sample
 Soil Sample
 DNAPL Sump

Spatial Projection:
 Coordinate System:
OH State Plane North
FIPS Zone: 3401
Units: US Survey Feet
Datum: NAD83

Plot Info:
File: EU6_Arochlor1248_10&11
Project No.: 3075F
Plot Date: 14 March, 2012
Arc Operator: HG
Reviewed by: VR

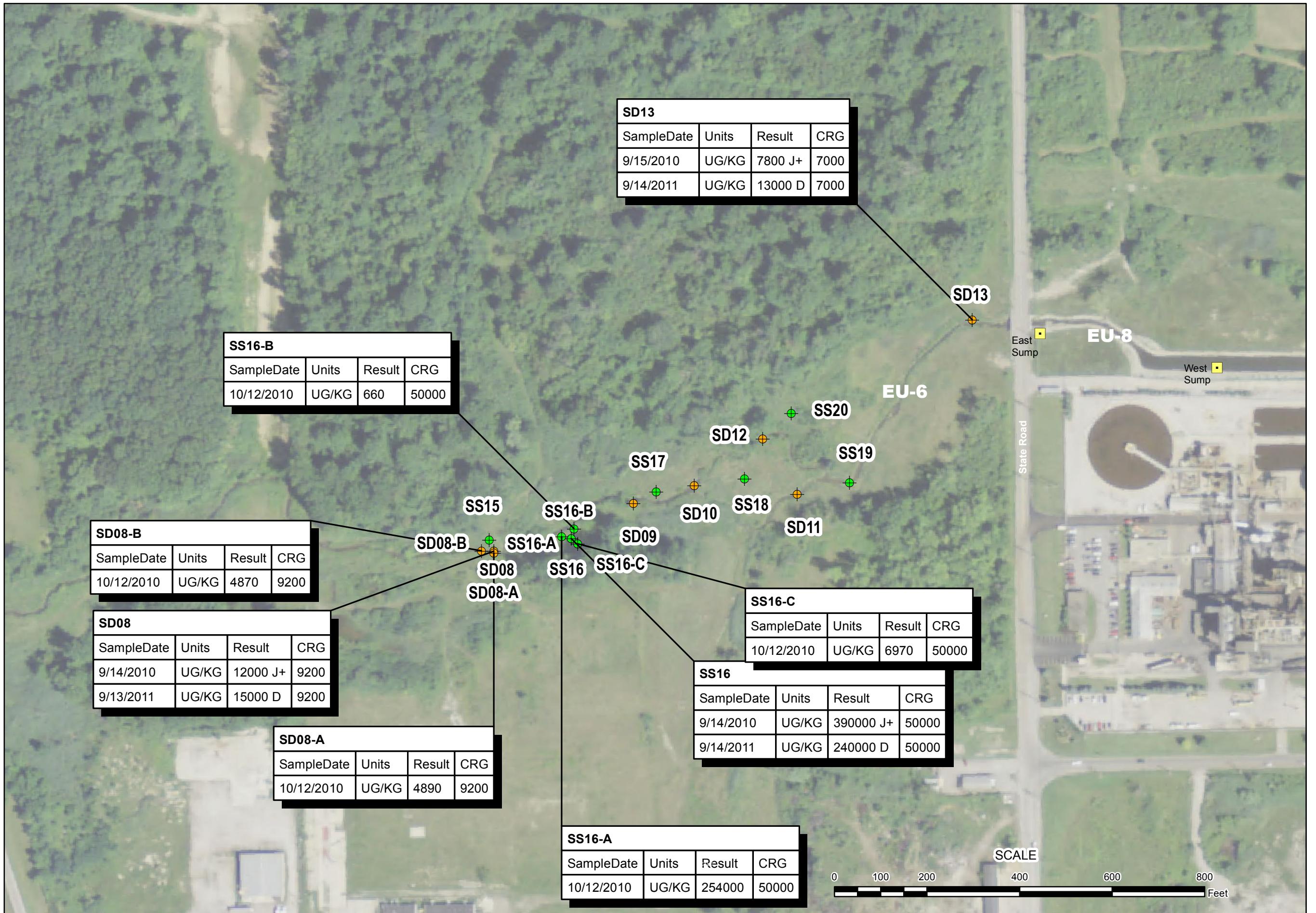


Figure 5

EU-8
Sample Locations and
Arochlor-1248 Results
2010-2011

Fields Brook Superfund Site
Ashtabula, Ohio

Description:

Map adapted from 2011
imagery.

Sample Location Source;
"field notes 2011_2.pdf"

Map Legend:

- Sediment Sample
- Soil Sample
- DNAPL Sump

Spatial Projection:

Coordinate System:
OH State Plane North
FIPS Zone: 3401
Units: US Survey Feet
Datum: NAD83

Plot Info:

File: EU8_Arochlor1248_10&11
Project No.: 3075F
Plot Date: 14 March, 2012
Arc Operator: HG
Reviewed by: VR

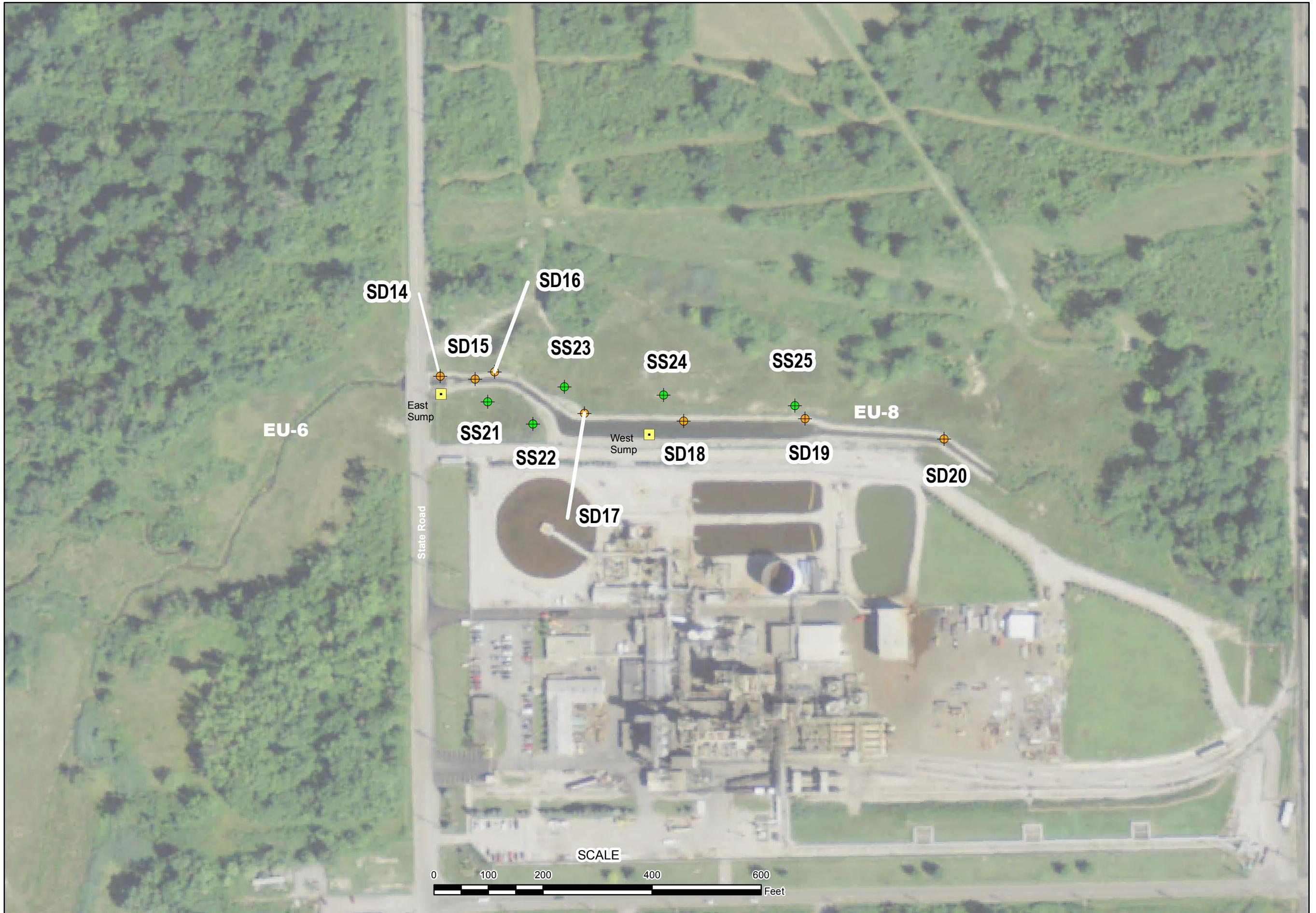
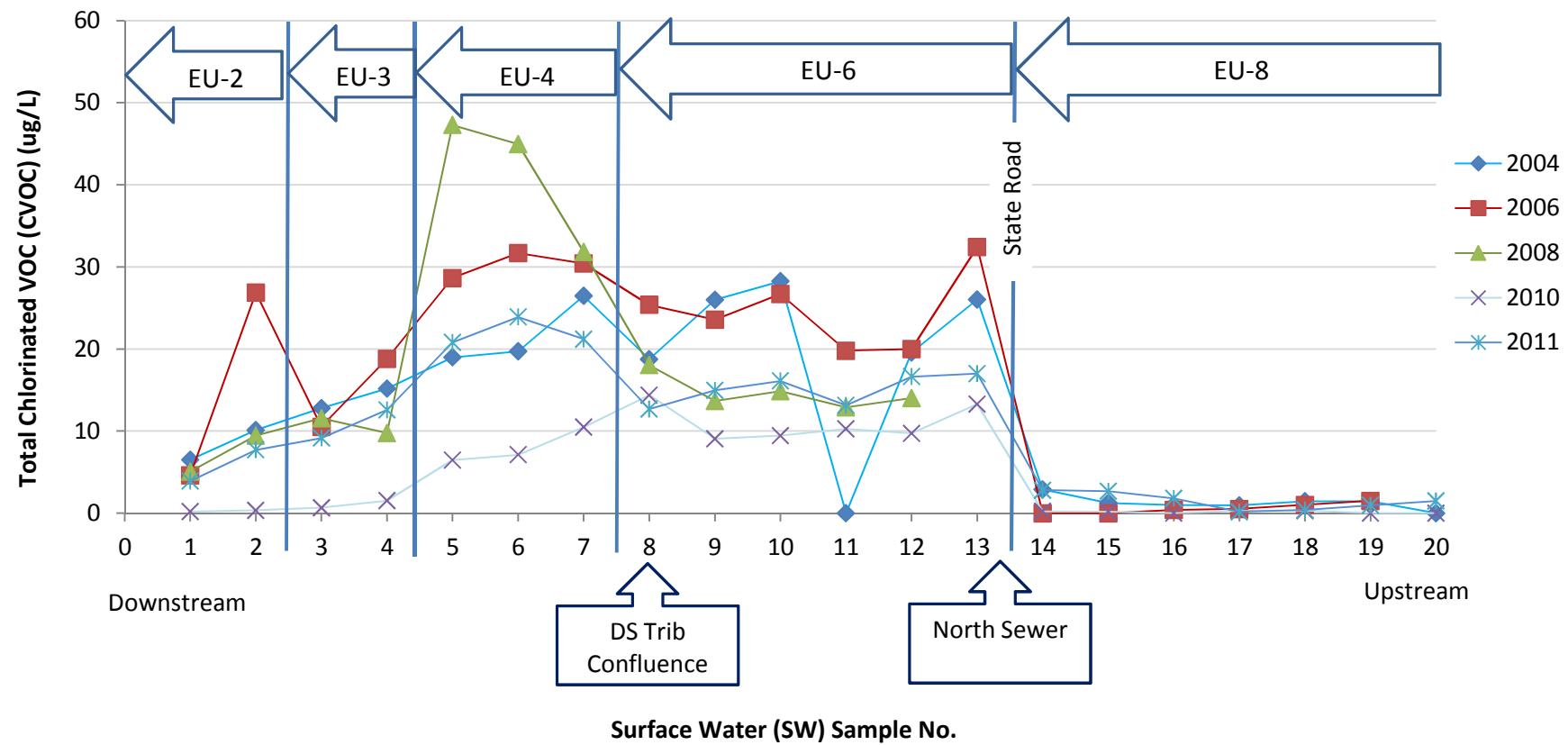
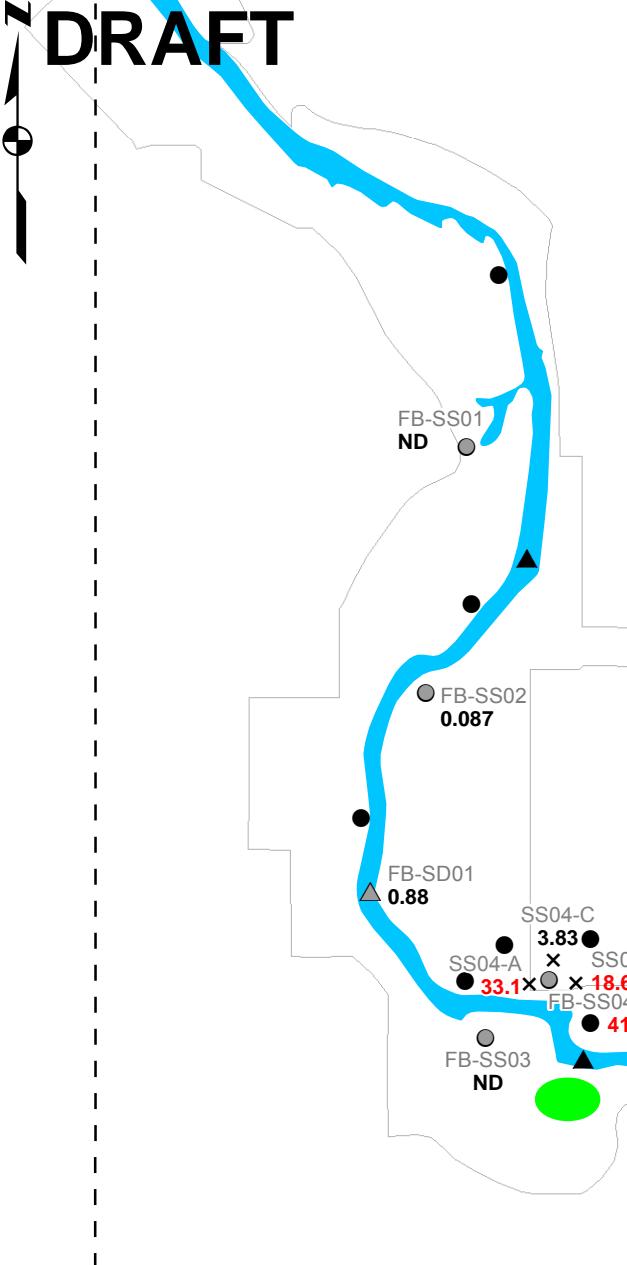


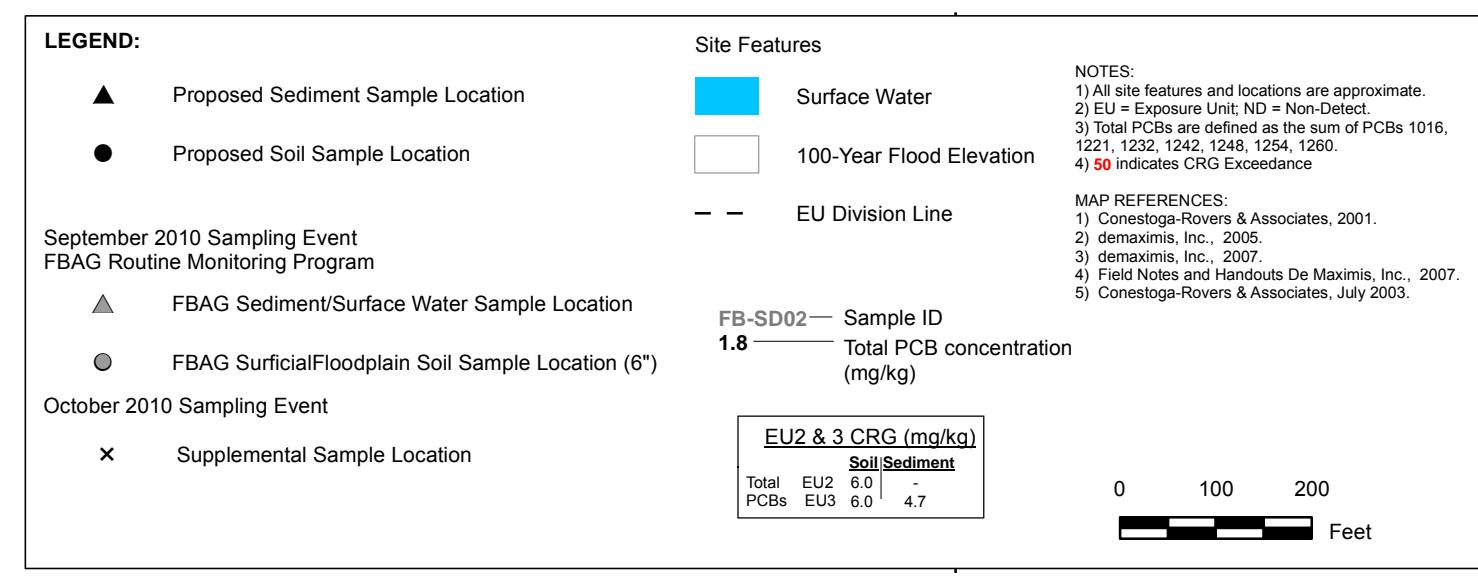
Figure 6 - Total Chlorinated VOC (CVOC) Concentration in Fields Brook Surface Water





EU2

EU3



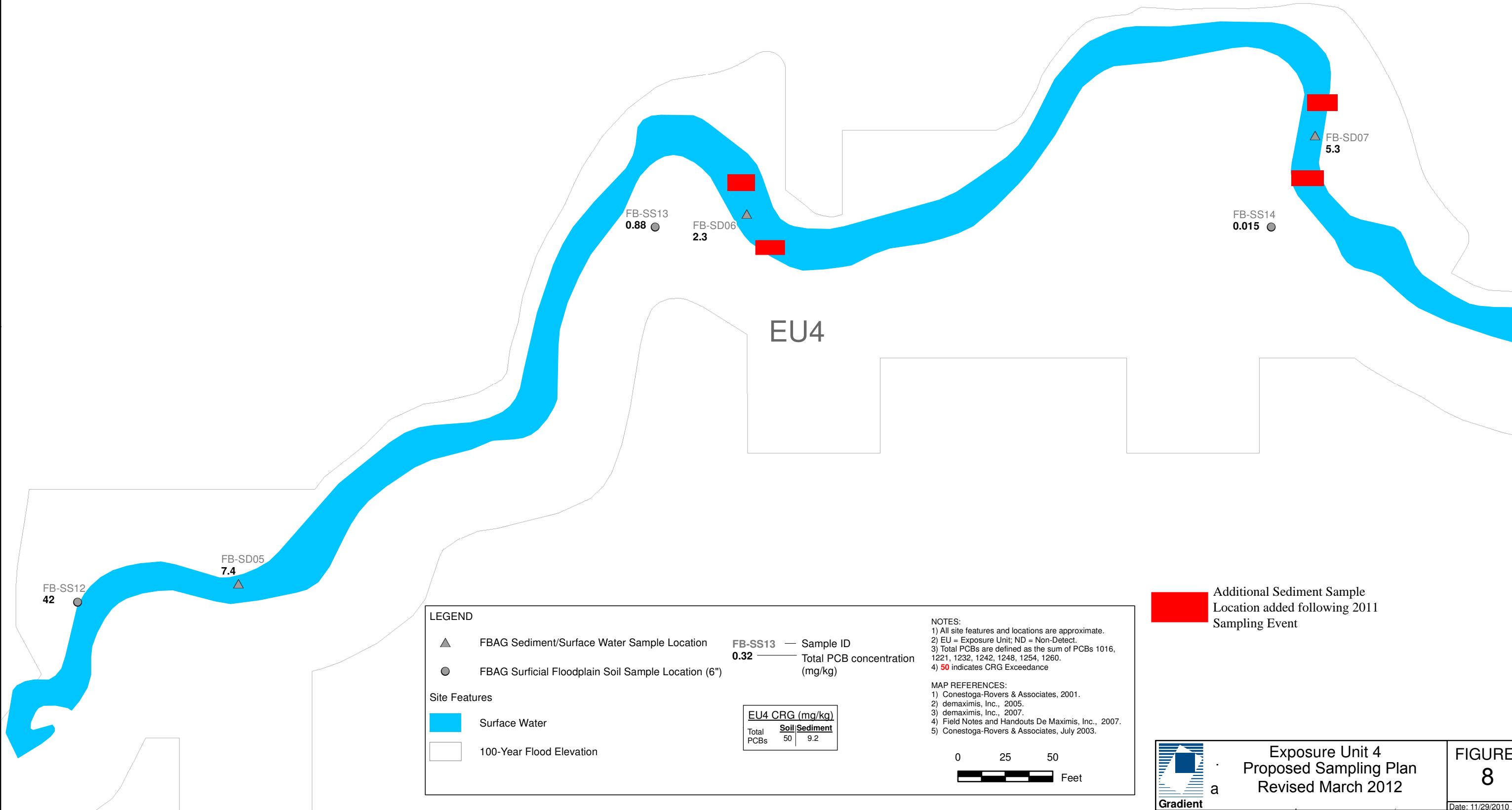
This soil sample location added at request of EPA in March comments

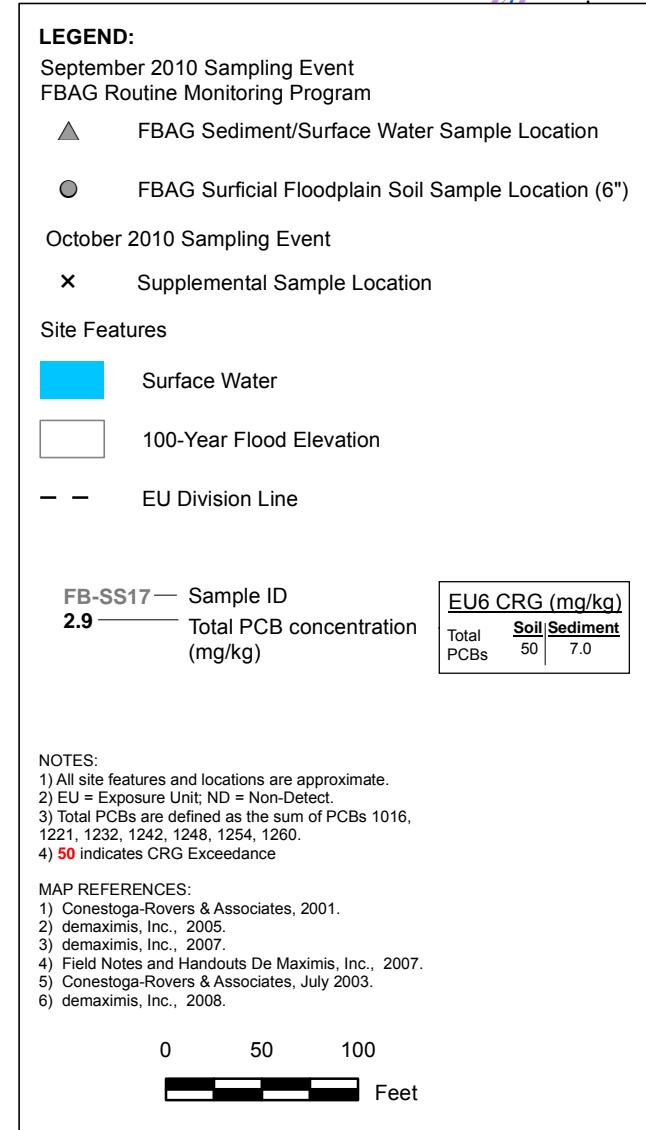


Exposure Units 2 & 3
Proposed Sampling Plan
Revised March 2012

FIGURE
7

Date: 12/7/2010

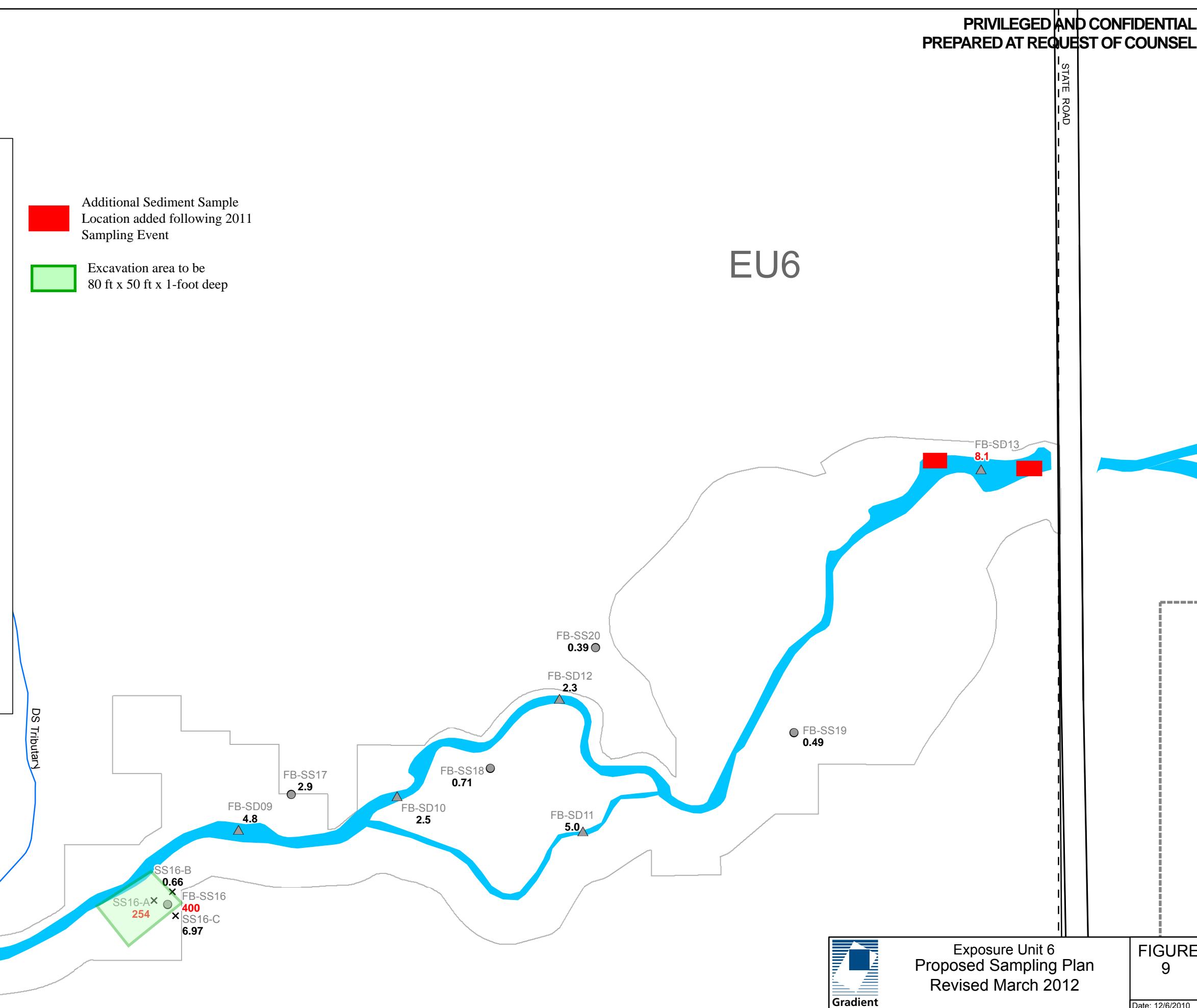
DRAFTPRIVILEGED AND CONFIDENTIAL
PREPARED AT REQUEST OF COUNSEL

DRAFTPRIVILEGED AND CONFIDENTIAL
PREPARED AT REQUEST OF COUNSEL

■ Additional Sediment Sample Location added following 2011 Sampling Event

■ Excavation area to be 80 ft x 50 ft x 1-foot deep

EU6

Exposure Unit 6
Proposed Sampling Plan
Revised March 2012FIGURE
9

DRAFTPRIVILEGED AND CONFIDENTIAL
PREPARED AT REQUEST OF COUNSEL

Project No.: 206035; PM: M.S.; Drawn By: dwiesmeyer; Checked By: CE; Coordinate System: NAD 1983 HARN State Plane Ohio North FIPS 3401; Path: Gi\Projects\206035\Fields Brook\Graphics\104\208026-104_EU8.mxd

